


The Pacific Telephone Magazine

Vol. XVI

DECEMBER, 1922

No. 6





“Cheer
them—
hear
them”

Send your holiday greetings
by long-distance telephone

*Service to all
points in the
United States*



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THE MISSION OF SAN JUAN CAPISTRANO, CALIFORNIA

The PACIFIC TELEPHONE MAGAZINE

Volume XVI

DECEMBER, 1922

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"All Hands Out for Transcontinental Failure"

While the members of the Capital Telephone Club in Sacramento were enjoying a delightful social session on the evening of November 6, a storm was raging without, and in the mountains east of the Capital City it was evidently howling.

After the meeting the boys hied themselves homeward without a care in the world, but the next day found a good many of these same men bound for the high Sierra, with something on their minds.

It seems that trouble began to show on the transcontinental circuits about 1:40 a. m. Tuesday, November 7, and by 2:00 a. m. everything was dead. Then the scramble began. Without knowing how badly we were hurt, Pete Young and his gang working at Roseville and Foreman Winters and crew from Colfax were started out on the first trains available to repair the damage. A call Tuesday night at 8 o'clock from Chris Nielsen, the "best gosh derved" snowshoe man in the Sierra, to the toll wire chief in Sacramento, about a break at Crystal Lake, in the

twenty-seventh mile east of Colfax, where some thirty-four poles were down, meant more trouble. Every available man in Sacramento was called out and the store-room forces worked like Trojans getting material ready for the 11 p. m. train.

Ben Brown, superintendent of construction, and Supervisory Foreman P. G. Prescott left with the crews under the supervision of Foreman Wheeler and Foreman Harlow on the train with the material, and arrived at Emigrant Gap the next morning with four feet of snow looking them square in the face.

While the second gang were leaving from Sacramento, Foreman Frank Krajicek and crew from Reno and Foreman Lookingbill and gang from Truckee were on their way from the east. When all the crews arrived there was a force of some forty men recruited from six gangs.

It snowed continually for the first two days the men were on the job, and did not let up until Thursday evening, November 9. The first day or so considerable hardships were endured by the men,



OUR CREW IN FRONT OF A SOUTHERN PACIFIC COMPANY SNOWSHED



OVER THE HILL TO RENO

This photograph was made last winter by Chris Nielson, our isolated toll repairman at Cisco.

as they could not secure any accommodations.

The breaks ran from the twenty-sixth mile east of Colfax to the fortieth mile, which is near Soda Spring, and the crew working in the twenty-sixth mile had to catch a freight train to Crystal Lake in order to eat, as accommodations could not be secured at Emigrant Gap. On the third day supplies were placed in cabin No. 2, which is about one-half mile from the twenty-sixth mile, where the break occurred, and one man appointed chief cook and bottle-washer to look after the gang's needs. The other half of the crew secured accommodations at Cisco.

Due to the deep snow, considerable difficulty was encountered recovering the broken poles in order that they might be reset, as they were completely covered by about three and one-half feet of snow, and in many cases the poles had rolled down the canyon and had to be hauled back up the hill by man power.

The only explanation that can be given as to the cause of the disaster is the heavy weight of the snow on the wires, as most of the corners held and the weight of the snow on the coppers must have

snapped the circuits and the strain pulled the lead over.

The men were congratulated upon the way they tore into things, as they had to work under great difficulties. One of the little inconveniences was the fact they went to work at 6:30 a. m., walked at least two miles to work through the snow, and after working all day until 5 p. m. took the return trip. It depended upon how good a walker you were—but such is life in the Far West.

Chief Testboardman C. C. Turney, in Sacramento, let a smile creep over his face at 3:45 p. m. on the Wednesday following, when the old carrier began to click again as of yore. 'Twas then he knew the boys had done their stuff and the rest of the time would be put in making permanent repairs. These repairs were completed in less than one week's time, and the boys were all back home again Tuesday evening, November 14, with nothing to do until the next time.

WILL—I've found a wonderful dentist. Every time he extracts a tooth he gives his patient a drink to stimulate him.

JOE—Then what are you so gloomy about; did he run out of hootch?

WILL—No; I ran out of teeth.—*Houston Post.*



THIRTY-FOUR POLES DOWN EAST OF THIS CORNER



Division of Los Angeles Revenue Accounting Office Into Two Units

Another effect of the extensive activities in the Los Angeles exchange is reflected in the following announcement by the accounting department of the Southern California Telephone Company:

This division of the revenue accounting office has been required to handle the largely increased volume of accounting work incident to the growth of the Los Angeles exchange during this year. In the first ten months of this year 146,335 completed service orders were received by the revenue accounting office and entered into its records, a monthly average of 14,633 orders. This was more than twice the monthly volume of service orders handled during the preceding year.

From December 31, 1921, to October 31, 1922, the number of subscribers' stations carried in the revenue accounting office records has increased from 162,132 to

182,421, a gain of 20,289 stations, and the number of subscribers' accounts has increased from 108,552 to 124,549, a gain of 15,997 accounts.

LOS ANGELES, Nov. 1, 1922.

Effective November 1, 1922, the Los Angeles revenue accounting office will be divided into two units.

F. C. Drane, assistant revenue accountant, will be in charge of Unit No. 1 and W. H. Pridgeon, assistant revenue accountant, will be in charge of Unit No. 2.

The accounts to be handled under each unit will be according to the following central offices:

Unit One—Broadway, Boyle, Daly, Elliott, Ellis, Garvanza, Hollywood, Hempstead, Ivy, Kingsley, Lincoln, Pico, Prospect, Ramona, Wilshire, Washington, and Union.

Unit Two—Adams, Culver City, Jefferson, Main, Normandie, Olive, Quincy, South, Terminal, University, Vermont, West, and Yale.

J. P. McNICHOLAS,
Revenue Accountant.

Approved: C. H. WELDON, Auditor.

Approved: F. C. PHELPS, General Auditor.

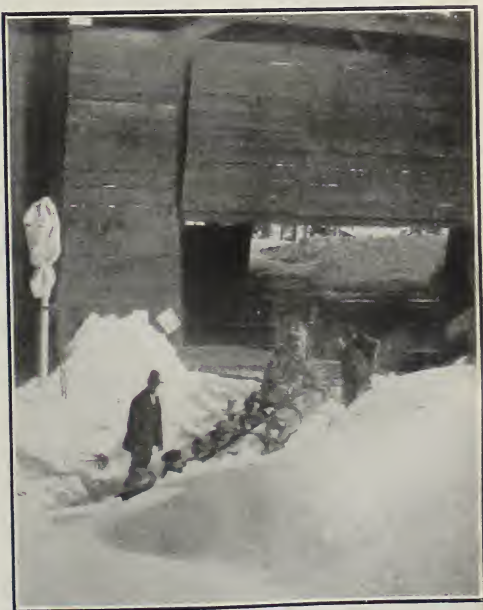
Predict Growth of Cities

There is scarcely a field of scientific thought which telephone engineering does not touch. Economy in the layout of new plant additions, for example, requires that the future demand for service, not only one year ahead, but five, ten, and even twenty, be forecast with a high degree of accuracy.

The engineers must foresee whether a particular district of a city is destined to become an office area or an apartment house area or a factory area, and in each case how great its demands for telephones will be. They must also predict for each city as a whole and for larger territories. They therefore study the geology of our natural resources from which to estimate the future location of basic industries.

They study geography to learn the probable location of new routes of transportation and the concentration of population along them. They study general economic and business conditions to know how rapidly growth in each industry is likely to occur. They study particular industries since frequently the activities of a city or a small geographical division center so closely around one in-

dustry that their futures are inseparable. The automobile and oil industries both furnish illustrations in point.



HAULING POLES IN THE SNOW BY HAND

When our transcontinental circuits fail the thought uppermost in every one's mind is to clear the trouble.



Report of National Committee of Award for 1921 Theodore N. Vail Medals

To the Trustees Theodore N. Vail Memorial Fund:

The fine spirit which prevails among the men and women of the Bell System has again been evidenced by the reports which the committee of award has had before it. Again it is clearly seen that loyalty and devotion to public service and disregard of self are the rule rather than the exception.

The Theodore N. Vail Medals are intended to give special recognition to some of the outstanding acts which reveal the spirit and typify the performance of Bell System employees in the service of the public.

In the award of gold and silver medals, the committee has with the greatest difficulty selected from many worthy acts a few which from every point of view are conspicuous instances of this universal spirit, and has given consideration only to acts in the line of duty.

The many acts of heroism and self-sacrifice on the part of telephone people while not engaged in telephone service, and for this reason not given special awards by this committee, nevertheless are inspiring proof that the loyalty and devotion to the public which was Mr. Vail's ideal finds expression in the daily life as well as in the work of the system's employees.

The awards are as follows:

A *gold medal*, with a cash award of \$500, to
BYRON ERNEST THADY, night switchboardman,
the Mountain State Telephone and Telegraph Company, Pueblo, Colo.

CITATION

For courage, loyalty, and devotion in the face of menacing danger.

On the night of June 3, 1921, when the flood which caused unprecedented loss of life and property in the city of Pueblo began to pour into the telephone building, he remained at the testboard, working in the rising water to maintain communication until all the lines went out; when the lights in the building failed he ingeniously improvised lamps; and, although chilled by repeated exposure to the water, disregarding personal hazard, he saved records indispensable to the prompt restoration of service and labored throughout the night for the comfort and encouragement of the operators who were cut off from escape by the raging flood.

A *silver medal*, with a cash award of \$250, to
LILLIAN ELIZABETH BARRY, supervisor, Southwestern Bell Telephone Company, St. Joseph, Mo.

CITATION

For prompt and intelligent service in saving human life.

Her resourcefulness and exceptional judgment in handling an emergency call on April 14, 1921, at St. Joseph, Mo., resulted in the saving of the lives of two babies who had been overcome by gas.

A *silver medal*, with a cash award of \$250, to
ANNA REGINA MURPHY, chief operator, the Bell Telephone Company of Pennsylvania, Carbondale, Pa.





NATIONAL WINNERS OF THE THEODORE N. VAIL GOLD AND SILVER MEDALS

They are: 1—Otis Payne; 2—Keziah Elizabeth Weaks; 3—Alphonse Veno; 4—Lillian Elizabeth Barry; 5—Anna Regina Murphy; 6—Josephine D. Pryor; 7—Byron E. Thady; 8—Verda Ray Townley; 9—R. W. Taylor; 10—Etta Willcox.



CITATION

For courage, intelligent initiative, and prompt action in emergency.

On January 20, 1921, while on a train about to leave Honesdale, Pa., she saw flames coming from the store under the central office; she left the moving train, notified district headquarters by telegram, and then, despite warnings, entered the burning building and directed and assisted the operating force in fighting the fire and handling the telephone traffic until the smoke and fumes made it necessary to leave the building.

A *silver medal*, with a cash award of \$250, to OTIS PAYNE, lineman, Indiana Bell Telephone Company, Washington, Ind.

CITATION

For prompt and intelligent effort in saving the life of a fellow employee.

On December 24, 1921, at Washington, Ind., seeing a fellow employee at work on a pole a few feet away rendered unconscious by coming in contact with a wire carrying a high tension electric current, he climbed the pole and at great personal risk broke this contact and under most difficult conditions held his associate free from contact until assistance came.

A *silver medal*, with a cash award of \$250, to JOSEPHINE D. PRYOR (Mrs.), chief operator, the Mountain States Telephone and Telegraph Company, Pueblo, Colo.

CITATION

For courage, devotion to duty, and resourcefulness in time of danger.

On the night of June 3, 1921, she was at home when the warning sounded announcing the approach of the flood which caused unprecedented loss of life and property in the city of Pueblo; she hastened to the central office, where she directed the notifying of imperiled people in the lower sections of the city and in the towns down the valley, and, with death and destruction everywhere, by her fearlessness inspired the operators with a spirit of strength and confidence during the long hours of the night.

A *silver medal*, with a cash award of \$250, to ROBERT W. TAYLOR, foreman, Cumberland Telephone and Telegraph Company, Winona, Miss.

CITATION

For initiative and extraordinary devotion to duty under hazardous and exhausting conditions.

During a severe storm, April 14, 1921, he, in company with two linemen, left Winona, Miss., about 7 p. m. over almost impassable roads, to repair a toll line break across a swollen and dangerous river. Arriving at the break about daybreak, and finding the river rising rapidly and with a severe electrical and rain storm in progress, he exercised unusual leadership, resourcefulness, and determination in making the repairs.

A *silver medal*, with a cash award of \$250, to VERDA RAY TOWNLEY, manager, Southwestern Bell Telephone Company, Freeport, Texas.

CITATION

For unfailing courage and devotion to the public service.

On June 22, 1921, when a large proportion of the inhabitants of Freeport, Texas, had fled upon receiving warning of the approach of a tropical hurricane, she remained alone on duty at the switchboard, though repeatedly urged to consider her own safety, maintaining telephone service in the emergency.

A *silver medal*, with a cash award of \$250, to ALPHONSE VENO, repairman, Wisconsin Telephone Company, Ashland, Wis.

CITATION

For initiative and extraordinary service under hazardous conditions.

On the evening of May 20, 1921, learning of trouble on important toll circuits due to forest fires, he, on his own initiative, started by automobile from Ashland, Wis., to locate and clear it. Early in the morning he abandoned his car and walked through heavy timber and in dense clouds of smoke, making tests as he proceeded. He located the break and, though suffering from exposure, his clothing and shoes badly burned, continued on the job until at 8:30 a. m. he had the circuits again in service.

A *silver medal*, with a cash award of \$250, to KEZIAH ELIZABETH WEAKS, night operator in charge, the Bell Telephone Company of Pennsylvania, Hatboro, Pa.

CITATION

For intelligent initiative and persistent effort in emergency.

While on duty, April 6, 1921, at Hatboro, Pa., she learned that a nearby railroad bridge was in flames. By her persistence and resourcefulness she succeeded in transmitting a warning to a train crew and holding a train, thus preventing a serious accident, with probable loss of life.

A *silver medal*, with a cash award of \$250, to ETTA WILLCOX, night operator, Northwestern Bell Telephone Company, Williams, Iowa.

CITATION

For prompt and intelligent action in the interest of the public.

About 1:30 a. m. on June 7, 1921, while on duty at Williams, Iowa, learning that all the telephone, telegraph, and lighting circuits had been cut by bank robbers, thus leaving the town in darkness and without communication, she drove through the night to the nearest telephone exchange, notified the wire chief and surrounding towns, making possible the early restoration of service to the isolated community as well as the prompt pursuit of the robbers.

(Signed) H. B. THAYER,
N. T. GUERNSEY,
E. K. HALL,
D. F. HOUSTON,
Committee.

November 9, 1922.



Bell Telephone System Headquarters in New York Completed

The home of the Bell System has been completed.

Several years ago, when it became apparent that the increasing activities of the headquarters organization of the American Telephone and Telegraph Company would soon outgrow 195 Broadway, New York, steps were taken to enlarge the structure by extending its frontage through the entire block between Fulton and Dey streets. This work has now been finished and the result is a modern office

building twenty-six stories high, covering a ground space of 36,000 square feet. It was opened to the public on November 1.

The Greek style of architecture employed in the older building has been followed in the structure as now completed, Doric columns being utilized in the lobby and on the first floor exterior, the exterior columns on the other floors being Ionic. The result is a building impressive in its simplicity and symbolical of the enduring strength of the great public



THE RECENTLY COMPLETED BUILDING

Looking south toward the headquarters of the American Telephone and Telegraph Company, Broadway and Fulton Street, New York City. A portion of the historic St. Paul's Church is shown.



WHERE A WELCOME AWAITS THE VISITOR

Visiting women's rest and reception room, thirteenth floor, American Telephone and Telegraph Company headquarters, New York City

utility organization of which it is the physical center.

The new headquarters, however, symbolizes the Bell System in another and far more important sense. Not even the most casual of inspections could convey the impression that utility has in a single instance been sacrificed to mere artistic effect. Down to its least important details, it has been designed to meet the needs of the thousands of men and women who are here employed in translating into definite, concrete accomplishments the Bell System "Spirit of Service."

Thirty local and express elevators carry these men and women to and from their offices, while the lobby, as now enlarged, affords a means of ingress and egress which prevents congestion, even during the hours of the day when the hurrying crowds are thickest. The mechanical skill employed in planning and installing these elevators and the efficiency with which they are operated are typical of the entire building. Throughout the twenty-six floors every effort has been made to promote the comfort and convenience of the occupants of the hundreds of offices, with the result that from the standpoint of efficiency as well as from that of architectural beauty the new

headquarters of the Bell System is unique in its approach to perfection.

Particularly on the more recently constructed side of the building, which faces upon Fulton Street and the historic St. Paul's Church, with its open churchyard at the rear, the natural lighting facilities are ideal. Arrangements for artificial lighting, heating and ventilation have been worked out with rare skill. Three floors below the street level extend sub-basements in which the engines and dynamos that serve the structure are housed, and a visit to this part of the building alone would be well worth one's while.

Besides the headquarters organization of the American Telephone and Telegraph Company and certain departments of the Western Electric Company, the building is occupied by the executive offices of the Western Union Telegraph Company. Its present occupants number about 4400, but provision is made for a maximum capacity of 5000, which will care for the expansion of the telephone organization for some time to come.

The new building is, however, more than a mere working place for the headquarters organization of the Bell System. As truly as it is the home of the American



Telephone and Telegraph Company, it is the home also of its associated companies. Special provision has been made for the comfort and convenience of the men and women of the Bell System when visiting New York.

On the thirteenth floor a room has been set apart for visiting women members of the Bell family. Here they will find a quiet, homelike restroom, with library and writing facilities at their disposal. What is perhaps more important, from the standpoint of the telephone visitor, here Miss M. T. Reuse and her assistants will extend a hearty welcome and make arrangements for visits to points of particular interest from the telephone standpoint, including the larger down-town exchanges, the toll equipment at 24 Walker Street, and the great Bell System laboratories and museum at 463 West Street. If desired, guides will be provided to assist the visitor.

Through the coöperation of the general service bureau, information and assistance in regard to transportation, hotels, restaurants, theaters, and other places of amusement may also be obtained at the visitor's room.

Although this feature has been in full operation less than a year, women visitors from all parts of the Bell System have already made extensive use of it and have expressed themselves as delighted with the warm and cordial reception accorded to them.

Arrangements have been made to make available for men visitors the same assistance in planning trips to points of interest to telephone people, and similar service with regard to hotels, transportation, etc.

This article began with a reference to the new building as the *home* of the Bell System. The term was used advisedly. It is to be hoped that the 250,000 members of the Bell family will so consider it and will not fail, when in New York, to take advantage of the opportunities it affords for knitting still more closely the ties which have already been established between them by a common aim and purpose.

Paying teller's lament: "He who is paid too much returneth not, but he who is short-changed cometh galloping back, verily, every darn time."—*Progress*.

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GREEK ARCHITECTURE OF IMPRESSIVE BEAUTY

Part of the lobby of the American Telephone and Telegraph Company headquarters, Fulton Street side, looking west.

The Old Manager Speaks

I've handled a pick and a shovel,
I've sat at a bench in my time,
I've done heavy work in the heat and the murk,
I've known all the sweat and the grime;
And so, when some frosty-eyed expert
Talks "Labor" as if it was coal,
"A commodity"—well, I just choke for a spell
Before I regain my control.

Plague take all this dope economic
That plats human toil in its charts,
I tell you that "Labor's" your friends and your neighbors,

It's Folks that have bodies and hearts
It's fathers and brothers and husbands
With mothers and sweethearts and wives,
Who love and who hate and who dream and who wait,

It's real people living their lives.

Now maybe I'm moss-backed and rusty,
But here's how it lines up to me;
Statistics will aid in the plans you have made
They're useful to quite a degree,
But all of your lore scientific
Will fall down again and again,
Unless in your brain this one fact you retain,
That "Labor" means flesh-and-blood Men.

In brief, it's a problem that's Human,
No soulless "Commodity" stuff,
And the very best plan I have happened to scan
Is just to be human enough;
And when it is finally settled
(I fear I won't be here by then)
It won't be by art of a book or chart,
But by Men dealing fairly with Men.

—Berton Braley in *Forbes Magazine*.



Oakland's Exhibit in the East Bay Manufacturers' Exposition

An exhibit, planned with a definite purpose of selling a single feature of telephone service, was installed by our Oakland office at the second annual East Bay Manufacturers' Exposition, held at Idora Park, October 14 to 22. The feature selected for the exhibit was "Toll Service" in its relation to selling, and the whole exhibit was built to sell the business man on the idea that he could make the long-distance telephone a valuable adjunct to his sales force. The illustration of the display in this issue shows how the idea was put over.

The booth was divided into two parts, each representing the interior of an office. The office on the left was unoccupied and the desk piled high with mail. "This man," said the sign by the chair, "has

gone in person to close an order; time consumed, two days. Look at his desk!"

The adjoining office was neat, orderly and busy looking. At the desk sat one of those business men who have learned the advantages of long-distance service. It was a wax figure, placed in the position of a person using the telephone, but it exemplified the sales manager who never overlooks a bet in getting business. As the sign at his feet informed us, "This man sits at his desk and closes an order by long-distance; time, a few minutes. Look at his desk!"

To bring out the extensive use of the service, a map of the United States was used, with silver wires running from the important cities to the telephone. Other signs were used, such as "A Dollar Long-

This man
has gone
in person
to close
an order
Time
2 Days
look at his desk

This man
sits at his desk
and sells the
order by
long
distance
he gets there first
and it takes
a few minutes
look at his desk



EXHIBIT CALCULATED TO SELL TOLL SERVICE TO EXPOSITION VISITORS



Distance Call May Save a \$10 Traveling Bill Besides the Time." Then, to drive the lesson home, there was a big sign that asks of every passer-by "Which Is Your Office?"

"The entire exhibit attracted much attention," said Manager John Holmes, "and hundreds of business men paused to take notice of it and for the first time perhaps appreciated the full value of long-distance service as a selling factor."

Messrs. M. H. Maddocks and E. T. Kern were in attendance at the booth and supplemented the silent selling of the display with personal talks on long-distance service. They also distributed a folder entitled "Going After Business by Telephone," a reproduction of which is here shown. This folder contained a handy table of rates to various cities, explained the difference between station-to-station and person-to-person service, and then clinched the sale of long-distance service in the following:

"Going after business means more than simply soliciting in person. The mails, the telegraph, the newspapers, the billboards, the telephone, all are valuable aids, efficient and economical short cuts. In person you can call on only a few people a day—each of your salesmen can do the same. But with the modern space and time-savers you can put your selling arguments before hundreds, even thousands.

"The telephone is becoming recognized as one of the most valuable aids to the salesman. Just to remind you, here are a few specific cases of its utility:

"There is the small and occasional purchaser at a distant point, too important not to call on, too far distant to visit frequently—the long-distance telephone saves time, traveling expenses, and gets the business by personal solicitation.

"There is the very important customer whose needs must be followed closely. A dollar or two invested in a telephone conversation is almost as good as, sometimes better than, an extra call.

"There is the offended customer. When an order has been mishandled, a charge misunderstood, when any of the numerous mishaps of business relationship have occurred, it is necessary to correct them quickly. Speed is in itself an evidence of the right spirit. Don't wait to write,

Page Thirteen



FOLDER PRESENTED OAKLAND EXPOSITION VISITORS

TELEPHONE. Talk it over, man to man; give and take. Settle the argument. End it pleasantly, definitely.

"The big order! In every business there is the occasional big and mighty important order. Your competitors are after it. Everyone is straining his utmost. Remember in these times the TELEPHONE. Liberal use of long-distance will get you a hearing and a decision before other means of conversation are even started.

"This little folder contains a schedule of the long-distance rates between Oakland, Alameda, Berkeley, and San Leandro and principal towns of California. Give one of these schedules to each of your salesmen and tell him to consider the telephone as valuable as his car or the train in going after business."

Time and Change

"Why, what in the world has become of your watch? The one you used to have had a handsome gold case."

"I know it did, but circumstances alter cases."—*Philadelphia Telegraph*.



In the Telephone Directory

The telephone directory is not a book likely to be recommended in a course of light reading. It contains too many characters, has no sustained plot, no climax with a moral lesson, and, except for its own purposes, is of no particular value as a book of reference.

But in the surnames of its pages one will find suggestions of history, science, religion, nature, anatomy, and other subjects of interest. In a recent Los Angeles directory will be found the names of John Adams, John Q. Adams, Thomas Jefferson, James Monroe, Andrew Johnson, Franklin Pierce, W. Wilson, Andrew Jackson, W. H. Harrison, James Buchanan, James G. Blaine, George Dewey, W. T. Sherman, Samuel Johnson and John Brown. While the father of his country is not mentioned, Mrs. M. Washington retains her telephone.

In the same book we find the names of Weber, Strauss, Gottschalk, Gluck, Eames, Farrar, Garden, Nilsson, Bernhardt, Rubenstein, Bach, Rossini, Juch, Hayden, Schubert, Schuman, Mendelshon, Cohan, and Wagner. There is only one Piana. The names of Siddons, Olcott, Warfield, Lillian Russell, Lawrence Barrett, and Mrs. L. A. Carter are listed.

Visions of "When Knighthood Was in Flower": There are 2 Courts, 2 Crowns,

11 Castles, 171 Kings, 1 Queen, 16 Princes, 1 Peer, 4 Dukes, 11 Earls, 3 Barons, 26 Lords, 31 Nobles, 6 Knights, 12 Squires, 2 Heralds, and 1 Jester.

We find 1 Bible, 10 Abrahams, and 2 Isaacs. Mrs. Abraham has a telephone; 15 Cains and 12 Abels, 13 Davids and 1 Saul, 17 Daniels, 28 Solomons, 10 Israels and 3 Emanuels. Matthew, Mark, Luke, and John are listed. Moses and Aaron have their numbers. There are 17 Ruths, 1 Shadrach, 3 Balaams, and 1 Job. Mrs. Absalom is on the list.

There are 22 Churches, 4 Creeds, 12 Popes, 5 Priests, 41 Bishops, 7 Deacons, 2 Vestals, 7 Saints, and 1 Angel. The showing of 12 Christians seems disproportionate.

There is plenty of color in the directory—Greens, Blacks, Grays, Whites, Browns—4 Pinks, 5 Blues, 1 Purple, 1 Red, and 1 Buff. There are Mountains, Hills, Valleys, Rivers, Lakes, Glens, Dells, Dales, Brooks, Fields, Groves, Pools, Lanes, Parks, and Fountains. There are Ferns, Pines, Oaks, Maples, 1 Beech, and 1 Birch.

Page Mr. Volstead! There are 4 Stills, 1 Wine and 1 Champagne, 1 Rye, 62 Gibsons, 3 Martinis, 77 Gordons, 70 Porters, 8 Beers, 2 Bocks, 3 Weisbergers, 16 Stouts, 3 Kimmels, 2 Kirsch, 1 Stick, 1



HALLOWE'EN PARTY AT OUR BERKELEY, CAL., OFFICE OCTOBER 30



A PLEASANT EVENING THAT WILL BE LONG REMEMBERED

The Bleu Cloche Social Club of Eureka, composed of traffic, plant, and commercial employees, held a dance on November 10 in Lohide Hall. The hall was decorated in blue crêpe paper arranged around a large blue bell which had an electric light in it. When the "Blue Bell" waltz was danced all lights were out except the light in the bell, resulting in a very beautiful effect. It was voted a most enjoyable affair. The guests of the evening were Mr. Rundel, Mr. and Mrs. McTamony, Mr. and Mrs. Ward, Miss Treasure Ward, and Mr. and Mrs. Spiller.

Blend, and 1 Crock. For service there are 2 Mixers, 7 Pitchers, 23 Steins, 18 Glasses, 3 Sugars, 7 Lemons, 1 Spoon, and 1 Ice. There is 1 Sober and 1 Jagd.

There are 4 Backs, 2 Cheeks, 3 Chinese Chins, 8 Hands, 1 Foot, 6 Shanks, 8 Heads, 19 Beans, 1 Conk, 1 Tooth, 1 Kidney, 2 Livers, and 10 Lights.

And now for the aviary, aquarium, and the "zoo." There are Eagles, Crows, Doves, Swans, Storks, Nightingales, Finches, Parrots, Hawks, Jays, Cranes, Falcons, Drakes, Teals, Mallards, 1 Quail, 1 Robin, 1 Canary, and 1 Pelikan. There are Herring, Pike, Trout, Roach, Salmon, Sturgeon, and Bass—20 Fish not named. There are 2 Lions and 1 Tiger, 5 Bears, 1 Bruin, 9 Beavers, 9 Hares, 5 Badgers, 4 Coons, 1 Roebuck, 2 Seals, 52 Foxes, 35 by the name of Wolf, and 31 Lambs.

There are Carpenters, Glaziers, Weavers, Barbers, Millers, Coopers, Drapers, Brewers, Shoemakers, and Hatters. There are many Cooks and Bakers, but only 2 Cakes and 1 Crumb. There are 125 Flowers, with but 3 Brambles and 12 Burrs. There is 1 Coupe with 1 Brake, 7 Drivers, 1 Hoss, 1 Bronco, 5 Trotters, and 2 Bridles. However, there are 57 Fords, including Henry. There are 3 Troys, 1 Achilles, and 1 Helen.

In the lists are found 9 Hams, 35 Bacons, and 1 Mutton; 25 are Rich and 6 Poor. There are 3 Books and 3 Readers;

58 Longs and 16 Shorts; 19 Flints and 7 Steels; 2 Dillys and 1 Dally; 10 Riddles and 1 Guess; 12 Gees and 1 Haw; 69 Stones and 4 Rocks; 2 Locks and 5 Keyes; 115 Bells and 4 Rings; 3 Chinese Hops and 2 Jumps. There are Storms, Gales, Snows, Hails, and Frosts. Messrs. England, Ireland, France, Holland, and Spain have telephones. There is a Lively, Quick, Weary, and Stockstill. There are telephones in the names of North, South, East, West, Spring, Summer, Fall, and Winter.

There are only 2 Boners and 1 Fluke in the book. There are 3 Cranks, 16 Dicks, 3 Crooks, 2 Pills, and 1 Boob. There is a Bank, with Drums, Fifes, and Horns—but only 1 Tune and 1 Toot. And 1 Dam and 1 Coote.

Who says the telephone directory lacks variety?

Twenty years ago, I had a capital of about a half million dollars. I then realized that a business man with a half million of capital and a million and a half of insurance on his life would have better credit than one with a half million capital and no insurance—so I took the insurance. I now find that, trading on the credit it created, I made more profit than if the money which went into insurance had gone directly into my business.—John Wanamaker.



NOTICE TO EMPLOYEES

Employees who have either a wife or husband, or mother, father, children, or other beneficiary under the Benefit Plan to whom their death benefit is payable, should give the following very careful consideration:

IMPORTANT

If you have married since preparing your record of service card, on file with the Benefit Fund Committee, your beneficiary automatically becomes the beneficiary named in group "First" below, unless you request the committee in writing to approve of a change in the order of payment as explained below.

Employees who desire to change the name of their beneficiary entered on their record of service card, should immediately notify the secretary in writing of any changes they desire made, in order to insure to such beneficiaries any death benefit payable under the provisions of section 8, paragraph 3, of the Benefit Plan, which reads in part as follows:

PROVISIONS

3. The death benefit, in case of an employee's death by either accident or sickness, shall be paid only to the wife (or husband) or dependent relatives of the employee and such payment shall be made in the following order; *provided, however, that upon written application of an employee, and good cause shown, the committee may authorize a change in such order of payment*, but no persons other than the beneficiaries herein designated shall receive payment on account of such benefit:

First: To the wife (or husband) of the employee.

Second: If there be no wife (or husband) of such employee living at the time of employee's death, then to such child or children of the employee, and such issue of any deceased child, *as were dependent upon such deceased employee for their support at the time of his or her death*, in equal shares, such issue of said deceased child, if any, to take equally among them the share said deceased child would have taken if living and dependent.

Third: If there be no children or issue of deceased children dependent upon the employee as aforesaid, then among such other relatives, if any, *as were dependent upon the deceased employee for support at the time of his death*, and in such proportions as the committee may decide. If any of such other relatives were only *partially dependent* upon the deceased employee for support, the death benefit payable to such partially dependent relatives shall be such part of the total death benefits as may be determined by the committee to be proportionate to the degree of dependence; provided, however, that any relative to whose support the deceased employee was, at the time of his death, regularly contributing an amount equal to 20 per cent or more of his wages, *such contribution being necessary for the support of such relative*, shall be considered to have been wholly dependent upon the deceased employee.

EMPLOYEES' BENEFIT FUND COMMITTEE,

T. V. HALSEY, *Secretary,*

H. MATTHIESEN, *Assistant Secretary,*

210 Post Street, San Francisco, Cal.



Result of Failure of Employees to Keep the Benefit Committee Advised of Changes in Their Beneficiaries

On the opposite page attention is called to certain provisions of the Benefit Plan having reference as to who may be proper beneficiaries. The following are a few of the recent cases that have come before the Employees' Benefit Fund Committee showing the complications that arise on account of the failure of the employees to designate a proper beneficiary on their record of service card.

An employee on entering the service of the company designated her mother as her beneficiary, which was proper at the time, as her mother was entirely dependent on her daughter for support. Later the employee married, which changed her status under the Benefit Plan, and, owing to the fact that she failed to notify the benefit committee that she wished to continue her mother as her beneficiary, her husband automatically became her beneficiary, regardless of the fact that he was not dependent on her for support or that it was necessary for the employee to continue to support her mother.

The employee died after a brief illness and the husband was the only one entitled to receive the death benefit, although the employee had continued to support her mother after her marriage. In order for the benefit committee to pay

the death benefit to the mother, the husband in this case willingly waived his right to the death benefit and directed it paid to the mother.

In order to avoid a complication of this nature, the employee should have written the benefit committee *after her marriage* that she wished to continue her mother as her beneficiary, as the mother was entirely dependent on her for support, and in the event of her death she desired the death benefit payable under the Benefit Plan to be paid to her mother.

Another case occurred where an employee, who was a widower with a minor child wholly dependent on him for support, remarried. The employee failed to request a change in the beneficiary on his record of service card on file with the secretary of the benefit committee making his child a joint beneficiary with his second wife. The consequence was that upon his death the whole amount of the death benefit was paid to his second wife, with no provision made for the support of his minor child.

In another case, an employee died. On his record of service card on file with the benefit committee, he designated his wife as beneficiary. After his death it developed that he had been contributing to the support of his mother, but it was not permissible to pay any part of his



OUR BOOTH AT TENTH ANNUAL RIVERSIDE, CAL., FAIR



death benefit, payable under the Benefit Plan, to his mother, as he failed to designate her as one of the beneficiaries to whom it should be paid, although she was entirely dependent on him for support.

When you desire to change the order of beneficiaries as shown in paragraph 3, section 8, of the Benefit Plan, you should write the benefit committee requesting a change in the order of payment, stating why you desire the change and the reasons, which must be sufficient to justify the committee in granting the change requested.

Occasionally we hear that an employee has canceled his life insurance policy owing to the fact that the Benefit Plan provided for the payment of a death benefit to his dependents in the event of his death. This is a great mistake, as under no circumstances should the death benefit provided under the Benefit Plan be considered the same as "life insurance," as it is only payable as long as you are an employee of the company. The beneficiary, with the exception of the husband, wife, or minor children, must be a dependent relative; if not wholly dependent, then only such proportion will be paid as the amount of dependency bears to the total death benefit. When an employee contributes 20 per cent or more of his salary to a dependent relative, such contribution being necessary

for the support of such relative, then the beneficiary shall be considered wholly dependent and entitled to receive the entire death benefit.

H. MATTHIESEN,
Assistant Secretary,
Benefit Fund Committee.

Telephone Girls

By day, when the cities are noisy,
By night, when the noises cease,
And through all the hours, like stirring white flowers,

Go the white hands never at peace,
Swift and eternally restless,
Snapping the plugs with ease,
And hopes rise and fall to the sound of her call.
"Hello" or "What number, please?"

The telephone girl is a priestess
Of mystic and secret things,
She sits within sight of each small flashing light,
She knows every bell that rings.
She knows the talk of the city
And her interest never tires,
The news of the world like a film is unfurled,
As it hums its way over the wires.

Her little white hands are mighty,
For all lands under the sun
Are there to her touch; she rings them up much
As a queen might a land of her own.
New York is hers to converse with,
Chicago is close to her ear,
And the speech of a race she just plugs into place
And then it is hers to hear.

—San Francisco Call-Post.

Perseverance

A falling drop at last will cave a stone.
—Lucretius.



OREGON DIVISION ENGINEERS' CHAMPIONSHIP BASEBALL TEAM

The players, reading left to right, are L. M. Buck (captain), G. H. Prior, W. E. Bradbury, W. R. Kinser (manager), Bruce Simms, J. Gamble, L. F. Carter, T. Leaf, L. V. Ashfield, J. L. Perry. Catcher Ed Thrall was unavoidably absent when the photograph was made.



In Appreciation of The Pacific Telephone and Telegraph Company's Service on the Argonaut Mine Disaster

By FRANK B. ANDERSON,

Staff Correspondent the San Francisco Call and International News Service.

The biggest news story that ever broke in California away out in an isolated district was covered thoroughly from the start to finish by one hundred of the best newspaper men in the country, but had it not been for the superb service given by the Jackson office of The Pacific Telephone and Telegraph Company the efforts of these men would have amounted to naught.

Were it not for the way the Jackson office handled service on both local and long-distance telephoning and telegraphing, the wide world would have been at a decided disadvantage in getting the swiftest news dispatches on the progress of the rescue work in trying to reach the forty-seven victims of California's worst mine disaster.

If there ever was a telephone outfit that deserved its full measure of credit for speed and efficiency, it is the men and women who operate the Jackson

office. There's not a newspaper man in the lot but who has kind words to say of the treatment at Jackson and how quickly he got the outside world on the telephone.

There are a lot of heroes in this Argonaut mine disaster, but none worked harder at his or her job than did the entire crew of the Jackson office of The Pacific Telephone and Telegraph Company, and I do not believe myself competent of singing their praise to the complete measure they deserve.

Situated in the "Heart of the Mother Lode," in an old building erected fifty years or more ago, the modern telephone exchange, unused to meeting such an emergency as was thrown at it with this Argonaut mine disaster, found itself ready for the occasion, and for close to a month of uninterrupted service the regular force of the office was on the job. The way they handled the business was



EMPLOYEES OF OUR JACKSON OFFICE AT THE TIME OF ARGONAUT DISASTER

Back row, left to right—George A. Patsnick, wire chief; Marie Boro, Madge Sanguinetti, Flora McGraw, Rose Scapuzzi, Annie Piccardo, Rose Vigna, and George A. Burrell, manager.

Front row, left to right—Eva Cook, Marie Scatena, Mary A. Cook (chief operator), Ellen Turner, and Rose Rugne.



simply a marvel to us newspaper correspondents whose chief worry on other stories has always been to relay the news to our offices.

I do not believe that any little five-position switchboard anywhere ever did the business this one at Jackson did during the trying hours of the Argonaut mine catastrophe. From early Monday morning of August 28, when the first news went out that forty-seven men had been entombed by a fire burning out the wooden timbering in the Argonaut shaft, right up to the final reports of the Coroner's inquest and investigation, the Jackson telephone office occupied an important key to the situation of letting the world know what was doing in Jackson.

I never saw men and women work more faithfully than these Jackson telephone people, from the girls on the switchboard to the manager.

We would dash into the telephone office all out of breath, place our calls right within a few minutes of "dead line," which is the time our papers were going to press, and in a jiffy we would have our newspaper office on the line. The long-distance service was so rapid that it seemed almost unbelievable, because everybody expects to wait at least a reasonable time before calls a hundred miles or more away can be placed.

I would rush into the office with my competitor from the *Bulletin*, and either one or the other would say "Douglas 7070, collect for Anderson; Sutter 7900, collect for Fulweiler," and almost at the same instant would come from the booth at the National Hotel "Main 6200 Sacramento, collect for Miss Finney," and before we could catch our breaths the connections would have been completed and we correspondents would have the news right into the offices in time to make the editions.

I have reported news happenings in San Francisco that did not get to the office any quicker than the news from Jackson.

We had men here from as far away as Los Angeles and even Chicago who sent their news over the long-distance telephone, and these calls went through with record speed.

While we were sending news dispatches by telephone and telegraph on

this disaster there were times when our offices wanted to reach us, and I can say for the Jackson office that more real human intelligence was shown than through any private exchange board with which I was ever acquainted.

While a great part of our time was spent at the Argonaut and Kennedy mines, a mile and a half out of town, much of our writing was done in town. If a long-distance call came from one of our offices and the Jackson office could not locate us at the mines or the hotels, they would try every place in town where it was possible for a newspaper man to be at the moment.

Newspaper men congregated quite frequently at the Garibaldi Saloon, which had at least heard about prohibition, and here the telephone bell would ring, with "Chicago is calling Mr. Doherty," "Los Angeles is calling Mr. Smith," "Sacramento is calling Mr. Pasey," "San Francisco is calling Mr. Hopkins," and so forth down the line. These Jackson operators were on the job every minute and knew the movements of the correspondents as well as the correspondents did themselves.

George A. Burrell, the manager, tells me he served with my old friend Homer McKee at Sacramento for four years. Well, Homer, with all his courtesies, could not beat his protégé when it came to doing favors for the newspaper gang. Burrell was on the job at all hours of the day and night; not that he needed to look after his force of efficient operators under their chief, Miss Mary A. Cook, because they didn't require any manager, but we piled a lot of troubles on his head that do not come under the list of duties that go with the job.

For instance, when we got the order from the Kennedy people to get off the property by midnight, every night until the break came we got Burrell on the line and told him our troubles. In no time at all he had the problem solved with the coöperation of his wire chief, George A. Patsnick, and the morning-paper leased wires were provided with extra legs down town, the *Examiner* going into the back room of the Garibaldi Saloon and the *Chronicle* into the gasoline service station. "Pat" got these connections made in such rapid order



that not a minute was lost in making continuous service.

We had our International News Service wire run into the top of the Argonaut change room, being the first to have a leased telegraph line into Jackson; but as soon as the story began breaking hot enough to justify the move to the Kennedy, where a special press headquarters had been erected, "Pat" and George were on the job in a jiffy, and our I. N. S. operator, George Johnson, was flashing bulletins from his new location before the San Francisco office hardly knew that he was away from the key.

Burrell and Patsnick didn't stop with installing of the telegraph instruments, but helped us scrape some lumber together, and we fellows know that whenever either of The Pacific Telephone and Telegraph men should seek a new field they can get jobs as carpenters.

Three leased wires were run to the press headquarters at the Kennedy and two had extra legs down town. Stringing wires to a place not best suited for such emergencies is not the easiest thing in the world, but it was just part of a day's work to these men, and with telephone and telegraph lines run right up to within a hundred feet or so of the collar of the Kennedy shaft the outside world was advised of the goings on without a moments delay.

During the big crisis from the time the news came from underground that the rescue crew were breaking through from the 3600-level of the Kennedy into the 4200-level of the Argonaut, when newspapermen were on continual vigilance from Sunday evening to late Monday night, when telegraph operators sat at their keys during the long hours of sensational news developments, the Jackson Pacific Telephone and Telegraph crew ("Big 13") were on the job right up to the minute. The boys using the long-distance telephone, over the instrument run for the use of the press, got their calls through in quick succession; we with the leased wires, fearing a little wire trouble that might hold back the story, had no worries, because Burrell and Patsnick were right there at our command.

The newspapermen were not alone the sole burden of the Jackson telephone

office. The mining companies, rescue workers, relatives of the entombed men, and people on the outside who had friends in Jackson were just as anxious to connect with other points. The rush long-distance orders for supplies and the countless other calls that necessitated extreme speed were met with equal promptness.

There is hardly a person but whom at some time or other does not lose his or her temper on the telephone, and particularly when it comes to long-distance connections, but from the experience of the newspaper men that covered the Jackson mine disaster story, and to whom seconds were equivalent to hours in making editions, we all hand a cheer to The Pacific Telephone and Telegraph outfit that made this excellent and efficient service possible.

The Jackson office has set a high standard that will be the mark for any other place over The Pacific Telephone and Telegraph system the next time a big story breaks.



AN UNUSUAL VIEW

This photograph was made by E. A. Mayers of our traffic department and shows both Nevada and Vernal Falls in the wonderful Yosemite Valley.



They Also Serve

"Bosh!" snapped John Stanwix, as he ran his eye over an advertisement on the back page of a December magazine.

Which was quite without excuse. Nobody has a right to talk that way on Christmas Eve, even to himself, least of all the president of a structural steel company which is just finishing the best year in its history. There was that about the atmosphere of the library in Stanwix's newly built residence which should have inspired emotions more nearly in keeping with the holiday season. Deep, soft-leather chairs, a wood fire glowing on the grate, the fragrance of good tobacco—what better could one ask to prompt the Spirit of Christmas?

But it was precisely because "the Spirit of Christmas" had jumped at him from every advertisement he had read that John Stanwix was a trifle out of sorts. Seven out of every ten copy writers had used the phrase, regardless of whether they were trying to sell kiddycars, kitchen cabinets, or non-skid motor tires.

It was with a real feeling of relief that Stanwix had turned to the telephone advertisement. Here, at any rate, there was no opportunity to work in pictures of grinning Santa Clauses, toy-laden Christmas trees, and smoking plum puddings. The telephone business was a business, like his own, Stanwix reflected. No room in a telephone advertisement for mushy sentiment about the Spirit of Christmas or the spirit of anything else, thank heavens!

John Stanwix was not a sentimentalist. Stanwix & Co. had won its way to success by following a simple business code which called for a good product at a fair price, honest wages for employees, and honest work in return for them. The men who stoked his furnaces did what they were paid for, nothing more. They quit when the whistle blew and nobody expected them to work a minute later. He himself guided his business life by the same principle. It as little occurred to him to put into his steel girders a cent's work of quality for which he did not expect to be paid as it did to attempt to palm off inferior goods as being up to standard. Had he been called upon to re-write the decalogue, he would have done it in two words: "Strictly Business."

There was rather more "sentiment" in the telephone advertisement than Stanwix had expected. The picture showed a gang of repairmen climbing out of a truck to mend some toll lines which had been broken down by a sleet storm. The text described the battle which these men fight against the winter winds, against hunger and fatigue, without regard for working hours and with no hope of extra reward, in order to maintain telephone communication or to restore it when it has been interrupted. And then, from the middle of the page, there leaped at Stanwix the phrase which prompted the irritated monosyllable the reader but recently caught him using.

"The Spirit of Service!" People didn't do things at the Stanwix mills because of the "Spirit of Service." They did them because they were paid to do them, or because they knew they would be fired if they didn't. Business was business. Why should a telephone company or telephone workmen—

"Bosh!" repeated Stanwix, just as Mrs. Stanwix entered the room.

"John," said she, "I wish you would ask Doctor Burnham to run over and look at Jackie. He's as restless as can be and I'm sure his fever is higher than it was this afternoon. It's foolish to worry, I know, but—"

Stanwix did not give his wife time to finish the sentence. The sentiment which he had repressed in his business life was lavished in double portion upon his home, and particularly upon his three-year-old namesake, who, he often told himself, would some day take his place as head of the Stanwix organization. He reached for the telephone.

"Number, please?" asked a pleasant voice.

"Fairmont 8735," said John Stanwix.

They were having a Christmas party in the recreation rooms of the Fairmont exchange. There was a tree in one corner, gleaming with lights and shimmering with tinsel ornaments. Festoons of crêpe paper hung from the ceiling, with here and there a holly wreath or a sprig of mistletoe. The victrola was grinding away with an enthusiasm that seemed to indicate that the spirit of the holiday had penetrated its mechanical interior and inspired it to do its full share to make the festivities a success.

All the operators were on hand, the day and night forces mingling in a regular family crowd—all except the girls who were on duty at the board, and special arrangements had been made for others to take their places so that every operator might have her share of the fun.

Mary Coleman threw a friendly arm about the shoulder of her friend, Grace Dawson. "I'll take your turn at the board at nine," she said. "You know, you were sick and missed our Hallowe'en party and have a double portion coming to you tonight." Protests from Grace, insistent demands from Mary, a word or two with the chief operator, and, for the second time that night, Mary Coleman took her place at the switchboard, just in time to catch a glowing signal at her position. There may very well have been something of the Christmas



spirit in her "Number, please?" as she plugged in to answer the call.

"Fairmont 8735," she heard John Stanwix say.

The rather forbidding name used by Doctor Burnham in his diagnosis of the child's symptoms doesn't particularly matter. But the grave shake of the head with which he pronounced it did matter—matter vitally to John Stanwix and his wife that Christmas Eve. Vaguely they were made to understand that their child was suffering from a malady so serious in its probable effects that there was but one chance in many hundreds of his recovery. Still more vaguely they comprehended that this one chance lay in the use of a newly discovered serum with which Doctor Alonzo J. Thornton of New York had recently procured remarkable results.

"If I could get some of that serum here by tomorrow morning," mused the physician, "I think—"

He looked at his watch and reached for the telephone.

John Stanwix once sold to a railroad company a consignment of steel girders to be used in a bridge at Hillville. If he had been asked, that Christmas Eve, where Hillville was, he might have placed it about half way to New York. If he had been pressed for further particulars, he might have added that Stanwix steel had been used in the Hillville bridge. But that was the extent of his knowledge of Hillville.

He could not, accordingly, have been expected to know that in the parlor of Jim Howard's home, on the outskirts of Hillville, Betty Howard was trimming Jim Junior's Christmas tree—alone. Nor could he have been expected to understand the significance of that fact.

Every Christmas, thus far—there had been four of them—since Jim Junior arrived, Betty and Jim had trimmed a tree for him. It had become something of a family rite, with Jim acting as master of ceremonies. But tonight Betty was trimming the tree alone.

Moreover, it was storming—the kind of a combination of sleet and snow which Betty, as the wife of a telephone repairman, had learned to hate and fear. And she had heard nothing from her husband since morning, and Jim almost never missed calling her up if he was kept out late on a job. What if something had happened?

Betty dabbled at a tear that was getting ready to splash down on the top step of the stepladder and was reaching up to hang a big red ball on an upper limb of the evergreen when the telephone rang.

"I guess I can't make it tonight, Bet," said Jim's voice. "We had a break on the toll line to the west—sleet, you know—and have been working on it all the afternoon. Strung our wires on stumps and fences and the limbs of broken-down trees and just got through—finished the job by the light of a big fire. I'm not sure things are going to hold together until morning, and so we're going to put up at old man Kennedy's farm, out by Bald Hill, and keep our eyes on things. And any way—"

"Yes?" asked his wife.

"Well, George Simmons wrenched his ankle pretty badly when a tree that he was clearing

out of the line was rolled over by the wind. We can't get him into town tonight very well and—you know the first-aid course I took last winter? Well, I'm playing nurse to George down here at Kennedy's."

"But you got the line fixed up all right, did you, Jim?" asked his wife, who was a member of the telephone family, even if only by marriage.

"You bet your life we did," said Jim. "Test-board reported at 9 o'clock that everything from the west was going through in fine shape."

"All right, see you in the morning—and, Jim—Merry Christmas!" Betty Howard hung up the receiver and went back to her post of duty on the stepladder.

"I want Doctor Alonzo J. Thornton at St. Stephen's Hospital, New York," said Doctor Burnham, as, for the second time that evening, Mary Coleman answered a call over Stanwix's wire. "I do not know the number."

"I'll give you Long-Distance," said the operator, suiting the action to the word.

"We have reports of bad storms along the New York toll line," said the long-distance operator, after the New York physician's number had been obtained from the directory operator. "I think we can get your call through, though—I'll try."

"This is a mighty important matter," said Doctor Burnham, with unusual concern in his voice. "It may be a case of life or death."

"I'll do everything I can to hurry it up and will call you as soon as we get a circuit," was all that the girl at the toll office said.

Patrolman O'Rourke, his chin thrust deep into the collar of his overcoat, had just turned the corner of Eighty-first Street, when he saw a girl walking ahead of him, stumbling through the drifts which already piled the sidewalk.

Overtaking her, he saluted. The girl was the kind of girl to whom the fatherly old policeman always touched his hat when he encountered them at that hour of night. She glanced up with a friendly smile and they fell into step, as far as the heaps of snow, which all but blocked their path, would permit.

"No kind of a night for the likes of you to be out!" said O'Rourke, a note of kindly protest in his voice.

"No kind of a night for the likes of you to be out, either!" rippled the girl, and O'Rourke chuckled at the almost perfect mimicry she had put into her rejoinder.

"Oh, well—in the line of duty, you know—I have to be out. I'm a policeman."

"Same here," smiled the girl. "I'm a telephone operator."

"Little late to be gettin' to work, if you're on the night platoon, ain't it?" asked O'Rourke.

"Oh, I'm not on the night force," answered his companion. "I'm not due to report until morning. But I live pretty well up town and this storm will make it hard going and will double the traffic, even if tomorrow is a holiday. And, any way, some of the girls are laid up with the flu and—well, there's a pretty cozy place to sleep at the exchange and I thought I'd run down tonight and not take any chances of holding things up in the morning. Besides, they're



probably short-handed tonight and I thought maybe I could help out. We often do that, you know, in bad weather. It's—well, it's what you folks of the police force call 'in the line of duty' I guess."

"Maybe so," grunted O'Rourke. "Maybe so. Only, miss, if the police had the same idea of the 'line of duty' as you have, you couldn't hire a man to commit a crime in New York."

"Well, good night—and Merry Christmas!" called the girl, as she turned into the door of the exchange building.

Once more Patrolman O'Rourke touched the visor of his cap.

"There was a break in the line to New York, but they've got it repaired," reported the long-distance operator, as Doctor Burnham answered her call. "I'll call you again in about five minutes."

"It's all right," the physician nodded to Stanwix, again glancing at his watch. "She says she will call me in five minutes, and, if she does, we can get Thornton in time to catch the night train out of New York by special messenger. I'll wait here. You'd better go in with Mrs. Stanwix."

His chin cupped in his hand, John Stanwix sat by the little bedside. The mother gently smoothed the tousled hair from Jackie's forehead, dry-hot with fever. The boy opened his eyes dreamily.

"Daddy," he said, "will tomorrow be Christmas?"

"Yes, Jackie-boy," answered Stanwix, his voice trembling in spite of his efforts to control it, "tomorrow will be Christmas."

The girl had been correct when she had told Patrolman O'Rourke that they might be short-handed at the exchange and that there would probably be a chance for her to "help out." After shaking the snow from her coat and hat and hanging them in her locker, she stepped into the operating room and spoke quietly to the chief operator.

"You're a regular brick!" said that competent young person. "You certainly know what 'The Spirit of Service' means, all right. Yes, if you will, I wish you could take the Number 18 position for a while; Miss Rogers is pretty well tuckered out."

It was at Number 18 position, a few minutes later, that the toll operator asked for Columbus 9300. It was Doctor Burnham's call for St. Stephen's Hospital.

Jim Howard changed the compress on the injured ankle of his friend George Simmons, noted with satisfaction that the swelling was somewhat less pronounced than it had been, went to the telephone, and called up the test-board.

"Hello, McGuire," he said, "this is Howard speaking. Still down here at Kennedy's place. Thought I'd call up and see whether everything is working O. K. on the toll line."

"Fine as a fiddle, Old Soldier!" answered the testboardman. "You boys certainly did a star job getting that mess cleared up. Some service, I'll say."

"Yes, Burnham, I can get it on the midnight train all right. No trouble at all. Glad you called me. Let me know how the youngster gets along. 'Night." Doctor Alonzo Thornton replaced the receiver, looked up at the clock in the office of St. Stephen's Hospital, stepped briskly into the laboratory and began preparing for shipment the package which, a few hours later, was to bring a new chance for life to Jackie Stanwix and new hope to his almost despairing parents.

"Good old Burnham," he murmured, as he smoothed down the last drop of sealing wax and rang for a messenger. "Always was conscientious, even in his college days. Just like him to telephone two hundred miles in order to pull through a particularly tough case. Wonder why he sticks out there in that Pennsylvania town? He could make good in a bigger place. I wonder."

There was no Christmas Day for the Stanwixes—or for Doctor Alfred Burnham. He arranged with young Doctor Folsam, his assistant, to handle other cases which demanded attention, while he himself remained in the sickroom. Grimly at first, then, as the little patient began to respond to the serum treatment, more hopefully, and finally with an air of calm confidence as it became apparent that the tide had been turned, the physician fought for the life of Jackie Stanwix.

There was a gleam of triumph in his haggard eyes as, toward nightfall, he pulled on his fur overcoat to go. "Rest is all he needs now—and so do both of you," he said, his hand on the doorknob.

"Doctor Burnham, how can we ever repay you for what you have done?" said John Stanwix, his usually firm voice shaking with repressed emotion.

"Repay me?" smiled Doctor Burnham. "That's simple. You'll get a bill all right, don't worry. Repaying me is easy enough, it's the people who helped me that you can never repay."

"Helped you?" asked Stanwix, a little uncertainly, "What do you mean?"

"I'll tell you, Stanwix," said the physician. "The first couple of years after I got out of medical school I was the company physician of a telephone company. I know something about what goes on behind the scenes. I know, for example, what it means, on a night like last night, to keep the wires in shape and to have the people on hand to handle a call like the one I put through to New York. That's what I mean when I say you can't repay the people who helped me last night. And if you think, Stanwix, that I have done anything that I was not strictly called upon in the line of my professional duty to do for you, it's because of a thing I learned from a lot of linemen and trouble-shooters and switchboard operators I got to know twenty or twenty-five years ago. They have a phrase in the telephone game, Stanwix, that comes pretty nearly summing up the best there is in every man's job, if it is a worthwhile job. It is—"

"Yes, I know," said John Stanwix, "I know—I remember seeing it in one of their advertisements. It is—isn't it?—'The Spirit of Service?'"

R. T. BARRETT.



"The Chimes of Normandy" Presented by San Francisco Employees

The second annual operatic production under the auspices of the San Francisco Employees' District Committee, traffic department, is now history and it set a mark as regards musical and dramatic ability on the part of the principals, and remarkable choral effects on the part of the chorus, which surpassed the highest expectations of the friends of the participants. Thirteen weeks of rehearsing, two evenings each week, filled with an abundance of enthusiasm and interest and under the expert direction of Mr. Bartlett, culminated in a performance of "The Chimes of Normandy" which repeatedly received generous applause and which frequently had artistic effects approaching the professional. "The best amateur performance I have ever seen" was the comment made by many regular followers of the stage, so it must have been quite remarkable, and it was.

The opera was given on the evenings of November 6 and 7, in the Plaza Theater, formerly the Savoy, San Francisco. The seats were all sold for the two evenings a week before the performance, and, although both evenings were stormy, the theater was filled to capacity both times. And let it be said right here that the audience was most generous in the quantity and beauty of

the flowers which they literally showered their favorites on both evenings.

Leta M. Lankelma of Sunset office was a most charming *Germaine* and won the audience at once, while Florence M. Flannery of Sutter office acted the part of *Serpolette*, the good-for-nothing, with exceptional success. George M. Van Buren of the commercial department handled the difficult part of *Gaspard*, the miser, with dramatic effect, particularly in the castle scene. Elton Lambert of the commercial department, as the *Bailli* had no trouble in keeping the audience in laughter whenever his turn came to take part.

The singing and acting of Roland H. Bennett of the plant department in the part of the *Marquis* was excellent and occasioned much favorable comment.

Harry L. Coles, of the plant department, carried his rôle exceptionally well, and his fine tenor solos, "On Billows Rocking" and "That Night I'll Ne'er Forget," will be long remembered.

P. H. Nicholson of the traffic department, as the pompous notary, interpreted the part in a highly creditable manner.

Maude E. Ackerson of the traffic department executed a wooden-shoe dance in the fair scene which won instant applause. The chorus, numbering forty-five female voices and twenty male voices,



THE PRINCIPALS IN THE CAST OF "THE CHIMES OF NORMANDY"

Top row, left to right: Elton Lambert, P. H. Nicholson, Florence Flannery, Harrison Coles, Leta Lankelma, Roland Bennett.

Lower row, left to right: Nellie Gaul, Agnes Young, Olga Klein, Maude Ackerson, George M. Van Buren.



was beautiful to look at, as well as entertaining, and no one who saw them can soon forget the precision and teamwork with which they responded to their director's bidon. Not a break is the record of this chorus.

The editors congratulate the Employees' District Committee on this most successful undertaking.

CAST OF CHARACTERS

Serpentine, The Good-For-Nothing..... Florence W. Flannery
Germaine, The Lost Marchioness..... Lela M. Lankelma
Village Noddies—Gertrude, Agnes P. Young;
 Jeanne, Gertrude Pottery; Manette, Olga Klein;
 Suzanne, Nellie A. Gaul.
Henri, Marquis of Carnerville..... Roland H. Bennett
Jean Grenichoux, A Fisherman..... Harry L. Coles
Gaspard, A Miser..... George M. Van Buren
The Bailiff..... Elton Lambert
Notary..... P. H. Nicholson
Registrar..... Edward Seeley
Assessor..... Carrull E. Melbin
Wooden-Shoe Dance in Fair Scene.....
 Maudie E. Ackerson
Villagers, Attendants of the Marquis.....

COMMITTEE OF ARRANGEMENTS

Florence C. Bowen, West office; Ruth B. Callaghan, Prospect office; Claire M. Dempsey, operators' school; Nellie A. Gaul; long-distance office; Elizabeth Griffin, information office; Loretta I. Johnson, Market office; Kate A. McErlane, Sutter office; Edna Stoddard, Douglas office.

GIRLS' CHORUS

Mission Office—Mildred J. Hatch, Margaret J. Kiley, Mildred L. Levenberg, Roma M. Nixon, Marie A. Prunty, Georgina M. White.

Keating Office—Gertrude L. Cochrane, Theresa M. Cochrane, Dolores M. Dolan, Priscilla M. Mitchell, Angela D. Panetto.

Douglas Office—Myrtle A. Atkinson, Mary E. Flaherty, Edna K. Giampolini, Gertrude E. Jacobs, Louise C. Jansen.

Sutter Office—Beretta Carnegie, Anita M. Colletta, Anna M. Feddersen, Genevieve K. Healy, Annie V. Leary, Hazel M. Manning.

Sutter Extension Office—Grace F. Ennis, Rebecca P. Herrera, Nellie F. Holland, Alice L. Isaacs, Anita M. Kneif.

Long-Distance Office—Marian D. Barcanes, Valentine Lyn; Anastasia M. Mannion, Grace E. Mannion.



SAN FRANCISCO TRAFFIC EMPLOYEES
 Under the auspices of the Employees' Plan of Representation, San Francisco traffic employees
 of November 6



Garfield Office—Mildred C. Beschorman, Ernestine C. Manning.

Franklin Office—Anna D. Black, Rose Camou.

Market Office—Margaret Hughes, Anna E. McKenna.

Information Office—Helen E. Dixon, Luella Lusher.

Fillmore Office—Dorothy J. Larsen.

Randolph Office—Mercie E. Wilson.

Pacific Office—Dorothy Ryan.

West Office—Marie R. Tapella.

Sheldon Building—Mabel Broz, Mabel Pancoast.

MEN'S CHORUS

Traffic Department—C. E. Ahnstedt, F. H. Clarkson, R. N. Conant, H. S. Davis, G. C. Moore, D. Emery, A. P. McDonald, C. E. Melbin, E. J. Mulrooney, B. Winslow, D. A. Proctor, J. A. Renwick, A. W. Spence, C. T. Williams.

Plant Department—W. R. Amer, C. M. Pickle, Julian Pinto, G. P. McCarty.

Commercial Department—W. P. Cleary, C. P. Pfaff.

USHERS

Head usher, E. C. Reichard, traffic department; Margaret E. Hockaday, Douglas office; Leona C. Valencia, Fillmore office; Rita McFarlane, Frank-

lin office; Margaret L. Hunt, Garfield office; Nora M. Moynahan, Kearny office; Hazel M. Cordoza, long-distance office; Ida D. Derenzo, Market office; Elsie J. Bjork, Mission office; Marguerite Schlegel, Pacific office; Hazel C. Blake, Park office; Irene M. Thiebaut, Prospect office; Gertrude Wilson, Randolph office; Cecelia A. Doherty, Sutter office; Agnes C. Gordon, Sutter Extension office; Merle V. McDonald, Valencia office; Mary A. Pao, West office.

Giving Him a Name

She ransacked every novel,
And the dictionary, too,
But nothing ever printed
For her baby's name would do;
She hunted appellations
From the present and the past,
And this is what she named him
When they christened him at last:
Julian Harold Egbert
Ulysses Victor Paul
Algernon Marcus Cecil
Sylvester George McFall.
But after all the trouble
She'd taken for his sake
His father called him Buster
And his schoolmates called him Jake.
—New York Times.



PRESENT "THE CHIMES OF NORMANDY"

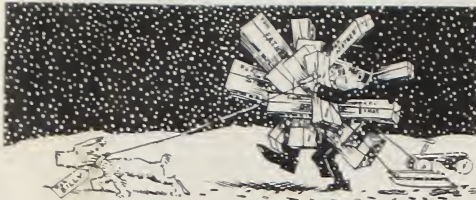
Hosted by commercial and plant employees, presented "The Chimes of Normandy" on the evenings at the Plaza Theater.



THE PACIFIC TELEPHONE MAGAZINE

*Published monthly at
San Francisco for the benefit of its employees
by The Pacific Telephone and
Telegraph Company*

B. C. CARROLL EDITOR
WALTER A. FOLGER ASSISTANT EDITOR
Shreve Building, San Francisco, California



Merry Christmas

Taking advantage of an opportunity offered by the editor of our MAGAZINE, I wish to extend a word of greeting to each and all of the members of our telephone family upon the approach of the Christmas holidays. These days seem to be particularly set apart when we may give expression to words and deeds of cheerfulness and consideration for others.

Looking back upon the days that comprised the year 1922 we may take justifiable pride in the record that has been accomplished. There is much of satisfaction, also, in the thought that past experiences stand us well in hand for our problems of the future.

Our company's growth has been unusual, and we have been taxed to keep step with its expansions. Among the employees of our several departments there has continued to exist those pleasant relations that are so necessary to the success of our organization. These relations are of the human phases of life that can so easily be smothered by the activities of our daily routine.

We are engaged in providing the public with an essential, nation-wide service and have set a standard for ourselves that will permit of no backward step.

As the holiday season approaches I extend, to each and all, best wishes for A Merry, Merry Christmas and A Happy New Year.

GEORGE E. MCFARLAND,
President.

Reading

THIS is the season of short days—when the darkness falls earlier and when weather conditions are likely to preclude action and diversion possible in other months of the year. What are you doing with those valuable hours between the evening meal and bed time? After supper do you step out on the front porch, take a few round dollars out of your pocket and throw them as far as you can in the distance and return to your easy chair? You do not, but if you did and continued the practice, you might find yourself haled before the Lunacy Commission, probably at the secret suggestion of the Mrs.

Wasted hours are wasted dollars. Hours thrown away are dollars thrown away. It is barely possible that, influenced by regret or change of mind, you might go out in the morning and recover the coins, but the lost hour is lost forever. Besides, and more important, it is capital, not income, which is being dissipated. Our receipts, measured in money, with changed circumstances may be increased. As a result of promotion, good judgment or fortune, the losses of one period may be made up by the gains of another. In the distribution of this asset—time—Rockefeller and John Doe are in exactly the same position—one is given no more than the other.

The sensible man or woman tries to lay aside a few dollars for unexpected demands and the "rainy day." Bear in mind that the hour improved is the hour invested with the inevitable return of future satisfaction and comfort. Both the bank and the brain are warehouses which may be drawn upon in the future.

Never was there such a wealth of good reading so easily and cheaply available. Up-to-date periodicals are on every news stand. Hardly a town is without its library where trained assistance is at the command of every reader. In fact, so much good material is published that intelligent selection is required to obtain the greatest benefits.

While the character of our reading is strictly a matter of personal taste and inclination, we offer just one suggestion to those who have not given the subject much consideration. Read a good history



of the state in which you live. Our territory is rich in stories of exploration, pioneering, and a picturesque and rapidly developed history. The early Spanish and English navigators left us with names on our maps which are enduring records of their visits. The missions tell a fascinating story. The hardy men who pierced the forests of the Northwest and those whose weary oxen lumbered down the Western slopes of the Sierras were the pioneers in a period of interest and romance unique in the annals of the nation.

You will find that your interest in reading will increase as you make it a practice. It will be a pleasure, not an effort. You will have a greater appreciation of current events. You will add to your power of expression. Every one admires the well-informed man or woman. The possession of knowledge comes from observation and reading. Get the habit.

Eastern Visitors

Edgar S. Bloom, recently elected vice president of the American Telephone and Telegraph Company, came to the Pacific Coast on November 14 for a series of conferences with our people and for the purpose of making general observation of conditions in our territory.

Having been, a few years back, the general superintendent of plant of our company Mr. Bloom finds it not difficult to strike a comparison between the company of the days of 1909 and our big organization that now serves the Pacific Coast states.

Mr. Bloom, who is always cordially welcomed in our territory, was here about three weeks and departed for his Eastern home by way of Los Angeles, where he spent a few interesting days.

Edward V. Cox, assistant vice president, accompanied by George H. Banks, supply methods supervisor, of the American Telephone and Telegraph Company, were recent Pacific Coast visitors. They entered our territory at Spokane where they were met by W. H. Brommage, superintendent of supplies of our company, visited Seattle, Portland and the larger cities on the way down to San Francisco, and while in the vicinity visited Oakland, Berkeley and Alameda. They re-

port a profitable and pleasant trip, say the Pacific Coast telephone people are doing a good job and left with a cordial invitation to return shortly to our shores.

Messrs. H. P. Charlesworth, plant engineer; W. E. Farnham, of the traffic engineering department, and H. M. Bascom, of the equipment development engineering department, of the American Telephone and Telegraph Company, were welcome visitors during November to San Francisco and Los Angeles. These gentlemen were engaged in solving some of our more intricate and interesting engineering problems.

"Charlie" Margrave Dies

It is with regret that we announce the death of Mr. Charles E. Margrave, for many years connected with The Pacific Telephone Company in various capacities, and at one time assistant treasurer of the company, with headquarters at San Francisco. Mr. Margrave was a native of California, being sixty years of age at the time of his decease. He leaves a widow, Mrs. Amy A. Margrave, of Alameda, a son, Mr. Edmund D. Margrave, of St. Louis, and a daughter, Mrs. T. N. Lavery, of Royal Oak, Michigan. His death occurred while on a visit to Mrs. Lavery in her Michigan home.

The company has lost a faithful and capable employee. Quiet, unassuming, courteous and efficient, his loss will be felt deeply by those whose privilege it was to know him. Through the MAGAZINE we extend to his bereaved family the sympathy of his associates. The death of "Charlie" Margrave marks the passing of a good husband and father, a good citizen and a true friend.

That new underground telephone cable between Boston and Worcester carrying more than 600 wires and of course making 600 simultaneous telephone conversations possible, is one of the wonders of the age that we are accepting as a matter of course, without giving them much attention.—*Boston Daily Globe*.

Recent Organization Changes

Effective November 7, 1922, Nutting Wigton is appointed assistant to the general manager. He will study operating results and perform such other duties as the general manager may direct. J. C. NOWELL, Vice President and General Manager.



"Service Emblems" Issued During the Month of November, 1922



Four-year Service—
Joseph B. Leonard, San Francisco, Cal.

Thirty-five Years' Service—
George M. Hamblin, Santa Cruz, Cal.

Thirty Years' Service—
Gordon McEllan, Eugene, Cal.
Frank P. Peovich, Los Angeles, Cal.
Jens P. Jensen, Oakland, Cal.
Timothy J. Carpenter, San Francisco, Cal.
Margaret M. Driscoll, San Francisco, Cal.

Twenty-five Years' Service—
Charles S. Casassa, San Francisco, Cal.

Twenty Years' Service—
Edwin G. Evans, Los Angeles, Cal.
Harry T. Fagan, Los Angeles, Cal.
Benjamin H. Trowbridge, Los Angeles, Cal.
Vingil W. Russell, Portland, Ore.
Edward A. Wright, San Diego, Cal.
Mary E. Mangin, San Francisco, Cal.
Edmond Volk, San Francisco, Cal.
Lynn P. Hubbard, Seattle, Wash.
Jessie F. Nolen, Tacoma, Wash.

Fifteen Years' Service—
Frank E. Biller, Los Angeles, Cal.
Margaret E. Flanagan, Los Angeles, Cal.
Hattie Fruser, Los Angeles, Cal.
Roy Chandler, Portland, Ore.
Charles O. Larson, Portland, Ore.
Alena E. Vaughn, Salem, Ore.
Edward E. N. Beard, San Francisco, Cal.
George J. Boillier, San Francisco, Cal.
Edythe E. Hjelt, San Francisco, Cal.
Gustaf A. Liner, San Francisco, Cal.
Violet Pinkert, San Francisco, Cal.
Mary A. Thorp, San Francisco, Cal.
William A. Willis, San Francisco, Cal.
Deborah S. Latimore, Spokane, Wash.
Nita Dangers, Stockton, Cal.

Ten Years' Service—
Kattie J. Heyde, Baker, Ore.
Alma Cunningham, Bellingham, Wash.
Mabelle Dempsey, Los Angeles, Cal.
Mary E. Ellison, Los Angeles, Cal.
Ada Huff, Los Angeles, Cal.
Elizabeth E. Dreyer, Oakland, Cal.
Eleanor Knox, Oakland, Cal.
Eva Dickey, Portland, Ore.
Alma Pendergast, Portland, Ore.
Nina E. Riser, Portland, Ore.
Clara A. Cone, San Diego, Cal.
Hazel Beckhusen, San Francisco, Cal.
Alice F. Buckley, San Francisco, Cal.
Margaret A. Connelly, San Francisco, Cal.
Mae F. Hurley, San Francisco, Cal.
Julia L. Murphy, San Francisco, Cal.
Myra Bossi, San Francisco, Cal.
Ruth S. Ryan, San Francisco, Cal.
Anna M. Staley, San Francisco, Cal.
Anna G. Wellman, San Francisco, Cal.
Elizabeth Giblett, Tacoma, Wash.

Five Years' Service—
Ida Skamser, Aberdeen, Wash.
Eva Inglish, Arlington, Ore.
Stella L. Hilton, Berkeley, Cal.
Elsie H. Baskie, Berkeley, Cal.
Maudie Shortlidge, Centralia, Wash.
Estelle Ellis, Corvallis, Ore.
Carrie L. Aldrich, Fillmore, Cal.
May I. Cullen, Fresno, Cal.
Alma A. McPheeters, Long Beach, Cal.
Marie McPheeters, Long Beach, Cal.
Florence M. Benson, Los Angeles, Cal.
Evelyn E. Bergander, Los Angeles, Cal.
Grace E. Breeding, Los Angeles, Cal.
Margaret E. Brenton, Los Angeles, Cal.
Bertha T. Brodin, Los Angeles, Cal.
Elizabeth Courady, Los Angeles, Cal.



NEW SWITCHBOARD POSITIONS IN THE RECENTLY COMPLETED SEATTLE TOLL OFFICE



Elsie E. Corwin, Los Angeles, Cal.
 Nellie Croghan, Los Angeles, Cal.
 June DeMon, Los Angeles, Cal.
 Azalea Dyer, Los Angeles, Cal.
 Esther M. Fawcett, Los Angeles, Cal.
 Irma Hansen, Los Angeles, Cal.
 Goldie Hatfield, Los Angeles, Cal.
 Rula B. Hoopes, Los Angeles, Cal.
 Mariome A. Jones, Los Angeles, Cal.
 Marie Lavagnini, Los Angeles, Cal.
 Lulu B. Nicklin, Los Angeles, Cal.
 Amy V. Owens, Los Angeles, Cal.
 Rachel I. Ratcliffe, Los Angeles, Cal.
 Isabelle M. Rogers, Los Angeles, Cal.
 Elsie M. Schurr, Los Angeles, Cal.
 Marie Stansell, Los Angeles, Cal.
 Rose Stowasser, Los Angeles, Cal.
 Eva M. Terpsten, Los Angeles, Cal.
 Mary A. Watts, Los Angeles, Cal.
 Lillian M. White, Los Angeles, Cal.
 Aileen J. Wilson, Los Angeles, Cal.
 Miriam A. Reynolds, Los Angeles, Cal.
 Julia V. Hobson, Madras, Ore.
 Viola R. Larkin, Martinez, Cal.
 Alta Van Buskirk, Marysville, Cal.
 Evelyn Carlquist, Oak Grove, Ore.
 Flora A. Campbell, Oakland, Cal.
 Anne A. Cone, Oakland, Cal.
 Norma E. Delucchi, Oakland, Cal.
 Muriel H. Hodgkins, Oakland, Cal.
 Elizabeth Hughes, Oakland, Cal.
 Margaret D. Ramsay, Oakland, Cal.
 Caroline M. Rizzoli, Oakland, Cal.
 Alice C. Turner, Oakland, Cal.
 Marie Acker, Portland, Ore.
 Carrie G. Brenneke, Portland, Ore.

Mamie R. Buckman, Portland, Ore.
 Nellie M. Clark, Portland, Ore.
 Alys S. Dahlstrom, Portland, Ore.
 Dorothy E. Davis, Portland, Ore.
 Lucille B. Johnson, Portland, Ore.
 Mamie Nedvideck, Portland, Ore.
 Isabella B. Thompson, Portland, Ore.
 Louise Wigg, Portland, Ore.
 Fredonia W. Van Buskirk, Riverside, Cal.
 Blanche Agee, Salem, Ore.
 Myrtle J. Beebe, San Bernardino, Cal.
 Dorothy M. Schwab, San Diego, Cal.
 Amelia M. Azevedo, San Francisco, Cal.
 Catherine Cody, San Francisco, Cal.
 Sara A. Kelly, San Francisco, Cal.
 Marie C. Kneis, San Francisco, Cal.
 Anna I. Moore, San Francisco, Cal.
 Edna I. Muller, San Francisco, Cal.
 Vera L. Quadt, San Francisco, Cal.
 Bertha E. Rettig, San Francisco, Cal.
 Rosemary Kratz, San Pedro, Cal.
 Amelia D. Dellamonica, Santa Cruz, Cal.
 Hazel A. Schmadeke, Stockton, Cal.
 Gertrude McKeever, Seattle, Wash.
 Hilda W. Pigott, Seattle, Wash.
 Mabel E. Raymond, Seattle, Wash.
 Ada L. Rogers, Seattle, Wash.
 Ellen Sundstrom, Seattle, Wash.
 Anna M. Tuttle, Seattle, Wash.
 Florence Walsh, Seattle, Wash.
 Helen E. Ristvelt, Tacoma, Wash.

Being ignorant is not so much a shame
 as being unwilling to learn.—*Benjamin
 Franklin.*



TAKEN AT THE OPENING OF OUR NEW LANKERSHIM EXCHANGE

They are, from left to right: Fred Deal, manager; D. W. Nicoles, district wire chief; Edna Newbill, chief operator; and Pearl Bacon, Helen Collins, Nellie Saxton, and Bertha Middlekauf, operators.



Notes From the Divisions

Washington Division



Washington
Wishes for all
a Merry Christmas
and Happy New Year

Division Headquarters—Seattle

Division Superintendent of Traffic,

E. L. BREENE.

Division Commercial Superintendent,

W. J. PHILLIPS.

Division Superintendent of Plant,

H. J. TINKHAM.

Mrs. Ada B. Clothier, cashier at Bellingham, was a Seattle visitor in November.

Mrs. Marie Runyon is back at the Main office, Spokane, after an absence of several months.

Miss Alice Murphy is now officiating as evening chief operator on the Garfield, Seattle, hilltop.

Miss Hazel Clark was made evening chief operator at the Riverside office, Spokane, succeeding Miss Mary Kennedy.

Miss Ethel J. Stenstrom, supervisor, Main office, Tacoma, was recently transferred to Madison office as central office instructor.

The various departments and employees at Seattle are being favored with a visit from B. C. Carroll, general agent, San Francisco.

Miss Florence Walsh has forsaken the information desk at East office, Seattle, for a position on the floor, as supervisor at Kenwood.

The employees of Maxwell office, Spokane, are welcoming Mrs. Mary Heydon, who recently returned after an illness of several weeks' duration.

Miss Grace Vogelsson, collection clerk in the Seattle office, has resigned to go to her home at Lewiston, Idaho, on account of the illness of her mother.

E. G. Fensler, division supervisor of directories, and J. E. Greer, division supervisor of methods, were Spokane visitors during the latter part of October.

W. M. Anderson, president and general manager of the Farmers Telephone and Telegraph Company, Wenatchee, was a recent visitor in Spokane.

The operators of the Wilbur office, Spokane, held a Halloween masquerade frolic at the home of Miss Stella Payne. Stunts and games preceded the refreshments. Every one had a very pleasant evening.

C. E. Kiefer, manager at Walla Walla, was recently in Seattle for the purpose of compiling certain information for the division commercial superintendent.

T. H. Griffith, division commercial agent, was a visitor at the Bremerton Exchange November 2 and also visited the connecting company at Poulsbo, Wash.

Miss Della M. Olson, chief operator's clerk, Proctor office, Tacoma, has been transferred to Los Angeles, Cal. She is succeeded by Miss Eleanor Anderson.

Miss Valentine Hennicke has recently become a member of Miss Skirl's staff of training school instructors. Miss Hennicke was formerly supervisor at Kenwood.

Mrs. Jack Drost, Seattle toll supervisor, paid the Bellingham office a visit in November. Mrs. Drost was formerly Miss Irene McIntosh, Bellingham chief operator.

Mr. and Mrs. E. M. Raymond of Wenatchee were Bellingham visitors in November. Mr. Raymond was formerly collector and Mrs. Raymond cashier at the Bellingham office.

Miss Edith Hall of our Pomeroy operating force has resigned to take up the duties of County Clerk of Garfield County, Wash., to which office she was recently elected.

V. L. Sylliasen, district traffic superintendent, accompanied by C. P. Toussieng, superintendent of maintenance, visited the Vancouver exchange on a recent inspection trip.

Employees of the commercial department at Seattle are now pursuing a course of study in panel machine switching under the direction of James E. Parrott, instructor.

Miss Hattie Williams, manager and chief operator at Sumner, Wash., came to Tacoma November 10 and visited the employees' demonstration at the Scottish Rite Cathedral.

Miss Cosgrove, central office instructor at Beacon office, Seattle, has returned to duty after a protracted illness. The Beacon girls were very glad to see Miss Cosgrove back on the job.

We are glad to announce that Mr. Harper of the collection department, Tacoma, has returned to his duties after being absent several weeks on account of serious trouble with his eyes.

Down River Park offered a delightful place for a recent wiener roast given by the girls at Maxwell office, Spokane. There were oodles of good things to eat and every one reported a very enjoyable time.

Miss Gertrude Chapman, mail and file clerk at Spokane, who has been away for the last two months, returned to her duties on November 13 very much improved in health. Her time was spent in recuperating and in visiting relatives in Minneapolis.



Two new toll positions were recently installed in the Aberdeen exchange to take care of the increasing business and growth of the Grays Harbor territory.

Maxwell office, Spokane, reports cupid as being once more successful in mortally wounding a victim. This time it is Miss Myrtle Blain, who will hereafter be known as Mrs. Joe Kunsch.

Miss Grace Bracha, operator at Vancouver, recently surprised her many friends and fellow workers when she returned from her vacation and announced that she was now Mrs. Simmons.

R. W. Pindar, formerly wire chief in Bellingham and now associated with the British Columbia Telephone Company at Vancouver, was a Bellingham visitor in November. Mrs. Pindar accompanied him.

The Spokane girls have the club fever, and as a result several clubs have been organized. The dancing club and swimming club are in full swing, and the reading club will soon be coming into its own.

On November 2, fire completely destroyed the store in which our toll station at Waukon was located. Service was restored the following morning in a warehouse belonging to C. N. Cedebloom, our agent at that place.

A shower was given for Mrs. Frank Kopf, formerly Miss Carla Neumann of Main office, Spokane, at the home of her sister. Many beautiful and useful gifts were presented the surprised lady and everybody had a happy time.

J. W. Kilner, who has been toll agent at Longview, Wash., for the last several years, has given up the agency and left for his former home in England for an extended visit. Mr. Kilner expects to be gone for at least six months.

Miss Helen Pleasants of the collection department, Tacoma, left November 1 for Indianapolis, Ind., accompanied by her mother, where she will assist in the care of her grandparents. Miss Pleasants expects to be gone six months.

Mrs. Irene Simmonds was transferred from the traffic department to the position of teller in the commercial office at Spokane on October 25, succeeding Miss Gladys Terwilliger, whose marriage was reported in the November Magazine.

Miss Anna Matesa, operator of Northport, was recently married to Frank Hyatt of that city. A pleasant honeymoon was spent at Portland and other Coast cities. Miss Anna Johnson was added to the operating force to fill the vacancy.

Recent visitors at the Vancouver exchange were C. B. Allsopp, division superintendent of traffic of the Oregon Division; H. J. Tinkham, division superintendent of plant; and E. L. Breene, division superintendent of traffic, Seattle.

On September 9, 1922, the moving of the Raymond, Wash., central office, was completed and the cutover finished. Raymond now boasts one of the best equipped offices of the smaller exchanges in the Tacoma district, being newly equipped throughout with new furniture and fixtures, four positions of No. 9 switchboard, installed in a new and modern building.

Miss Sadie Teas, night chief operator, Glenwood office, Spokane, who has been ill since April 21, was well remembered on her birthday by receiving several dozen birthday cards, roses, and a beautiful bathrobe from her many friends in the Spokane district.

Misses May Mitchell and Letha Wilson have resigned from our Walla Walla office to be married. Miss Wilson will make her future home in Detroit, Mich., and Miss Mitchell in Seattle, Wash. We wish much happiness and prosperity to the future brides and grooms.

Miss Elizabeth Shelby is the most recent appointee to the position of supervisor at East office, Seattle. Miss Shelby has been an operator in East office for a considerable period, and is well known by all of the East forces, who rejoice with her upon this well deserved promotion.

A miscellaneous shower was given Miss Catherine Burke, supervisor, long-distance office, Tacoma, on November 14, in honor of her approaching marriage. Miss Burke will be married to J. C. Driscoll, of Weed, Cal., and they expect to make their home in California.

The girls of Melrose office, Seattle, surprised Mrs. Beeke (formerly Miss Boldman) with a Hallowe'en shower on October 26. Hallowe'en "spook games" and dancing were the features of the evening, and the timely appearance of pumpkin pie and cider completed a jolly and much enjoyed evening.

Mr. and Mrs. C. M. Christensen and son of Enumclaw, accompanied by Miss Alena Martini, operator at Enumclaw, visited the Tacoma Main exchange November 10. They also remained in Tacoma and attended the telephone demonstration at the Scottish Rite Cathedral, with which they were very highly pleased.

Manager A. R. Johnson was one of the members comprising the Lewiston Chamber of Commerce delegation which was invited and recently entertained by the Seattle organization for the purpose of establishing better business relations. While in Seattle Mr. Johnson made a cordial visit to employee acquaintances.

October 26 and 27, "Parents' Days," at Melrose office, Seattle, were most successful, and they were a splendid manifestation of interest and coöperation on the part of our subscribers and operating force. Our office force numbers fifty-six and our visitors for the two days numbered 123, which was the highest record in the city.

The girls of the Glenwood office, Spokane, were invited to be the guests at a Hallowe'en party given by the Highland girls on the evening of October 18. The rooms were richly decorated in streamers of black and orange paper, cats, owls, and witches. Pumpkins and cornstalks in each corner also formed a part of the decoration. On entering the building, each guest was ushered through the witches cellar, which had ghosts and witches in every corner. After this games were played and tricks performed, and dancing followed. Refreshments, consisting of pumpkin pie, doughnuts, and cider, were served during the evening. From reports received, it is evident that every one had a very good time.



C. H. Judson, engineer of outside plant methods, from the chief engineer's office in San Francisco, made a business trip recently to Seattle and other points in the Washington Division. While in Seattle he visited various departments in connection with his work and also renewed pleasant relations with employee friends.

The following girls at Main office, Tacoma, were married during the month of October: Miss Frances Quinn became the bride of George Nash, Miss Illah Tennis was married to Walter W. Pelkey, Miss Mary Keeley became the bride of Thomas C. Sideres, and Miss Gertrude Hawkins is now known as Mrs. George S. Kramer.

The girls at the Highland office, Spokane, gave a surprise party to Miss Martha Anderson at her home on the evening of November 14 in honor of her coming marriage. The evening was spent in games and dancing, with refreshments following. Miss Anderson resigned November 6 to be married to G. L. Peterson of St. Maries, Idaho.

During the week ending October 28, J. P. Dunphy, supervisor of safety methods, San Francisco, visited Seattle and other exchanges in the Washington Division in the interest of safety first and the safety codebook recently issued. Friends and former coworkers were glad of the opportunity thus afforded again to have Mr. Dunphy in their midst.

On the evening of October 27 the girls from Proctor office, Tacoma, held a Hallowe'en party in the restroom. The room was decorated with black cats, witches, pumpkins, and corn stalks, and the girls wore costumes in keeping with the occasion. Games and dancing were enjoyed by all and refreshments were served later in the evening.

It is the unanimous opinion of the East office, Seattle, aggregation that the "Kid" party on October 27 rang the bell for 100 per cent fun. The committee had attractively decorated the office until no one knew the place when he walked into the recreation room. Every one attended in costume, and some of the "get-ups" brought forth gales of merriment. The fish pond, a game of forfeits, prize dancing, bountiful eats, and a general mixer all contrived to make East's party the big success that it was.

Earl A. Mower, division traffic supervisor, passed away Sunday afternoon, October 8. Mr. Mower's death came as a great shock and surprise to his many friends and telephone associates throughout the Washington Division. He had been suffering with a severe cold for some time, but was not forced to bed until just one week before his death. He leaves a wife to mourn his loss, and to her the entire telephone family extends sincerest sympathy for the untimely taking of her husband. Mr. Mower had been with the telephone company since October 31, 1911, at which time he was employed as traffic student at Spokane. His service has been continuous except for a period during the war, when he was a member of the signal corps. Upon his discharge in January, 1919, he assumed the position he had left as traffic inspector for the Seattle District, and was promoted to division traffic supervisor December 1, 1921, with headquarters in Seattle.

The second annual Pacific Fruit Exposition was held at Seattle from November 11 to November 19. The choicest apples and other fruits, all products of the Pacific Northwest, were to be seen at this exposition. For the convenience of the public in placing local and long-distance telephone calls, our company installed an attended pay station with five booths.

Miss Eleanor Kinney, who was employed during the summer as stenographer at the Vancouver exchange, has resigned in order to resume her studies at the University of Washington, where she is a senior. Miss Kinney has been succeeded by Miss Mabel C. Soden. Miss Soden has filled the position of deputy city clerk in Vancouver for several years.

Miss Marcella Seiple, who has for a long time been employed at Garfield office, Seattle, as a supervisor, has been transferred to another exchange in our company. Garfield was very sorry to lose Miss Seiple, as she is extremely popular. Their loss, however, has been compensated for by the acquisition of Miss Ida Beach, formerly of Kenwood office.

The employees of our commercial department at Seattle held a get-together meeting and dance on the evening of November 7 in the assembly hall of the Telephone Building. The hall had been tastefully decorated by the committee in charge and every one present had a most enjoyable evening. Special numbers were contributed by Miss Bernice Hansen, Miss Gertrude Kelley, and Miss Ruth Trelstad.

Bellingham operating employees delightfully entertained themselves with cards and dancing on October 26 in the men's association rooms. The motif for this party was an abundance of ghosts, pumpkins, and witches, interspersed with the conventional colored streamers of Hallowe'en. At the termination the entire party adjourned to the private banquet room of the Pheasant Café, where a midnight supper was served.

It is said that it is hard to surprise a chief operator with anything that may happen, but Mrs. Vernie Braghetta, chief operator at Yakima office, registered surprise that was wholly genuine on the evening of October 23, the date being her birthday and the occasion for a surprise party at her home. Employees of the traffic department provided the surprise, the entertainment, and the delightful luncheon that followed, and, in the conventional phrasing, "a good time was had by all."

On the evening of October 30 the Seattle accounting employees entertained with an informal Hallowe'en masque dancing party in the assembly hall of the Telephone Building. The artistic arrangement and the unusual costumes, combined with the enchanting music, made the evening one of much merriment. Of affairs given by employees, it was pronounced the season's most exquisite, the decorative features alone receiving many favorable comments. Between dances special numbers were contributed by the following: Miss Irene Saunders, Miss Ann Mochiniski, Miss Mary Dorgan, Miss Dorothy Lowe, and William Shelton. In her impersonation, Miss Margaret McHugh was awarded first prize for originality.



The Main office restroom, Spokane, was transformed into a room of mirth the evening of October 30, while several of the girls gave a "show." The different acts were accompanied by the "P. D. D. Jazz Band," which nearly raised the roof. After the show refreshments including heaps of red apples were enjoyed by all. Dancing ended the evening and everybody's good time.

Not satisfied with the publicity received through the display board that was recently shown at the Spokane Interstate Fair, Manager George A. Walker of Spokane is displaying in the lobby of his commercial office a large map of the trunk lines of the Bell Telephone System. This map is attractively framed and mounted on a thin board with holes bored through the board and map at the points representing the important cities of the United States, and switchboard signal lamps mounted in these holes, the lamps being connected to an extension cord so that the lights may be connected to any convenient service outlet. This map has now been displayed in the Spokane office for about thirty days, being located near the tellers' cage, and has been attracting the attention of a high percentage of the more than ten thousand subscribers who pay their bills in person in Spokane. It is a common occurrence for a number of people to be grouped about the map and for others of the group to be seen pointing out on the map the location of relatives and friends and tracing the toll route from Spokane to that location. Many questions have been asked relative to the toll lines and much favorable comment has been heard with reference to the display.

On October 22 we opened our Melrose, Seattle, office for inspection by the Seattle section of the American Institute of Electrical Engineers, of which Division Transmission Engineer W. D. Scott is chairman. There were approximately ninety electrical engineers of the city of Seattle who took advantage of this opportunity to see the machine switching equipment work and have its operation explained to them. We had some of the most prominent men of the electrical industry present as our guests, such as G. E. Quinan, chief engineer of the Puget Sound Power and Light Company; J. D. Ross, superintendent of the city lighting department; and engineers from Tacoma and Bremerton. We arranged through District Wire Chief Jones, the principal of the school for machine switching instruction, to have about six men on duty to act as guides and conduct the visiting engineers through the office in parties of from six to ten and explain to them how the apparatus functioned. This was done in such a way as to avoid technical details and the use of terms that would not be familiar to our guests. This method of explanation was very satisfactory, as we received a good number of pleasing comments as to the clearness of the explanations given. C. E. Rogers of the chief engineer's office and District Plant Chief Lundy also assisted in acting as guides. After having had the equipment explained to them, our guests were served in cafeteria style with light refreshments, consisting of cider, doughnuts, and pumpkin pie. Considering the small amount of space in the office which is not taken up with central office equipment, credit is due to all of those in the

company who assisted in this work and for the able manner in which they took care of the ninety or so visitors. Since this meeting Mr. Scott has had occasion to talk with several members of the institute, and they have complimented the telephone company, both on the central office equipment and on the manner in which the showing of it was conducted.

Fred T. Burk, manager of the Fair House Dry Goods Company of Tacoma, has proved without a doubt that goods can be sold to the housewife by telephone and without the customer seeing the goods. For three days before a recent sale was to take place he advertised in the local papers that he was to have a telephone sale, describing each article to be sold. He also had his window very neatly arranged with articles to be on sale. On the morning of the sale he had a small table placed in the window with a desk set installed on it for the use of the young lady who was to take the orders that came in. On interviewing Mr. Burk, he said: "It was a success in every way; we had ninety-three sales and, as you know our store being a strictly cash store, all telephone purchases were sent out C. O. D. and not one of the ninety-three were refused or returned. At some future date we are planning to elaborate upon this kind of sale and will advise you as to the results obtained."

Before an audience of two hundred people, which filled to capacity the entertainment hall on the top floor of 919 Market Street, Tacoma, on November 1, the lady employees of the several departments of our Tacoma office staged a Halloween show that would have been a credit to a professional theatrical troupe. It took weeks of intensive training on the part of the entertainers to make the show the unquestionable success it was, and much credit is due Miss Jeanette Blackard, welfare supervisor, who was in charge of arrangements. The orchestra, composed entirely of employees, furnished the music for the opening number. Miss Waltz's solo, "A Bowl of Roses," sung in her sweet soprano voice, was well received. Miss Adley, in "A Prophecy Thirty-five Years Hence," made a decided hit. This was taken from her diary of supposed travels in the year 1957, where she saw the present employees in different capacities and vocations, some married and settled in foreign countries, others retired, and some still employed by the telephone company. The article was well gotten up and kept the audience in a continued uproar of laughter. Miss Rivers, in "The Sunshine of Your Smile," sang beautifully and was called upon for repeated encores. Ted Bailly, monologist, had a line of new jokes. Miss Mayhew, in characteristic toe and fancy dancing, was a decided success and the audience requested several encores. The girls' chorus under the able directorship of Mr. Wollan, rendered several selections, which were highly appreciated. Mr. Wollan is a director of considerable ability, which was manifest in the way he handled the chorus, consisting of about twenty girls selected from our best vocalists. "A Mystery," by Mrs. Kuper, Miss Ganz, Miss O'Rourke, Mrs. Coleman, and Miss Croxall, impersonating the Alexander act, was a scream. Oriental dancing with appropriate costumes intercepted the act, while Miss



Ganz as "Alexander" selected her subjects from the audience. She admonished all that should the name of any person be called and he refuse to answer, she would disclose to the entire audience the history of his past life. With few exceptions those called upon answered and were given advice which caused no end of amusement and laughter. The evening's entertainment ended with refreshments of cider, doughnuts, and apples, after which dancing was indulged in until midnight, the music being furnished by the telephone orchestra.

The following is a first-page article recently printed in the *Spokane Chronicle*, one of Spokane's most prominent papers, with reference to additional service that was installed during the early part of October: "Work is being completed on the installation of a new two-section telephone switchboard in the *Chronicle* office, replacing the one-section board in use for several years. The new board is of the latest type placed in Spokane by the Home Telephone and Telegraph Company. Each section has a capacity of eighty local lines, giving opportunity to connect 160 local stations in the *Chronicle* office if each section is loaded to capacity. The two sections are connected to permit the use of two operators, if needed. Seventeen two-way trunk lines from the new board connect the *Chronicle* offices with the central exchange of the telephone company. Each line handles outgoing and incoming calls and all are reached by calling the *Chronicle's* number—Main 5678. Two new trunk lines were added with the installation of the new board, giving the *Chronicle* the third largest number of trunk lines used on any private branch exchange in the city. Thirty local stations, serving various departments of the *Chronicle*, are connected on the new board. Installation of the new board was started by the telephone company just a week ago and the work was so far progressed on Wednesday, the opening day of the world's series of baseball games, that the *Chronicle's* telephone service and reports of the big series were handled smoothly over the enlarged exchange. The new exchange was installed by Frank Boehrig and Howard Kimball of the telephone company's service department, working under direction of William Goeden. Miss Catherine Buck is operator in charge of the new exchange during the day. Charles Esser is night operator on the board between 5 and 8 p. m."

A Hallowe'en party was held at Elliott office, Seattle, October 20. A great deal of credit for the wonderful success of the party should be given to the leader and the members of the big minstrel show which comprised the program for the evening. The following girls took part in the entertainment of songs, jokes, stories, and dances: Ada Bannister, "Benny" Benson, "Millie" Smith, "Custy" Ralkowski, Frances Colagine, Stella Griffin, Ida Dickey, May Kummer, Eva Vallquist, Maybelle Perry, Josephine King, Katherine Burne, and Ruth Scott, with Olga Huneke as director and leader. Every one enjoyed the show, which was a laugh from start to finish. After the program came delicious refreshments and then dancing to the music of an orchestra comprised of four of the Elliott girls, the Misses Brown, Nims, Smith, and Kelly, and two of the young men from the plant department who were glad to give their

services. It certainly was good music. The prize waltz was won by the Misses Snyder and Lay Monde. Door prizes and funny costume prizes were given out also. The assembly hall was beautifully decorated in yellow and black. Every one of the 175 participants agreed that it was a fine party. Below is a parody of the popular song, "Angle Child," which was written by Miss Ida Dickey for Elliott:

"Elliott, that's where all belong,
Elliott, this is our little song,
In class "A" that's where we will stay,
We'll work away, both night and day;
To the top of the ladder we will go,
Although hail, rain, or snow.
'Goldie' best of P. T. & T.
And we'll say that we're wild about you."

On October 27, the Phantom Club held their monthly meeting in the assembly hall at 919 Market Street, Tacoma. After the regular order of business, the commercial department, with Mr. Houghton acting as chairman, put on the initiatory work and furnished the entertainment which followed, Messrs. Toussieng, Sylliasen, Miller, Fairbanks, and Nash receiving their degrees, and becoming full-fledged members, thus being entitled to all privileges of the club. The entertainment was of a high degree, the comic educational feature consisting of a prospective subscriber, *Ole Olson*, impersonated by Mr. Wollan, making application for service in a rural district where an extension of plant was required. Mr. Yager, who was at the counter, experienced no end of difficulty in trying to make *Ole* understand that additional poles were necessary and that he would be required to furnish them. Messrs. Yager and McQuiston gave another comic version of the difficulty encountered in directing and transacting the business of the commercial department with the public, which was highly entertaining and amusing, their respective parts being well taken. Mr. Fairbanks sang a solo, which called for several encores, and there is no doubt in our minds but what he is destined to become a second Caruso. The girls' chorus, consisting of twenty girls of the various departments, under the able directorship of Mr. Wollan, rendered several selections, which were heartily applauded. At the close of the entertainment a dainty repast was served by the wives of the members of the club, consisting of sandwiches, ice cream, pie, and coffee. Among the interested and highly entertained members of the audience was W. J. Phillips, division commercial superintendent of Seattle.

Main office, Seattle, was the center of attraction on the evening of October 26, and not a little surprise was voiced when the announcement was made that the party was to be in the form of a masquerade. The restroom was the rendezvous for witches, spooks, and black cats, and an improvised fireplace with a kettle simmering over it gave an added touch which completed the "spookiness" that seems to be suggestive of Hallowe'en. Lighted pumpkin faces stared at one from every angle, and when colored lights were turned on every one immediately wished that all sins would be forgiven before the end came. A gruesome looking old witch endeavored to reveal the past and prophesy the future of all those present, and it is most surprising to



note that there was not an influx of resignations received the next day, as almost every one who had not already taken the "fatal step" was given renewed hope. Another unique idea conceived by the entertainment committee was that of having part of the program take place in the dining-room during the time refreshments were being partaken of. This idea met with very enthusiastic approval, and participants of the entertainment were amply repaid for their efforts by the enthusiastic applause that was given them. Dancing was announced as being next on the program, and the hours flew by so quickly that every one agreed that it would be "lots more fun" to dance until it was time to report for duty the next morning, but the chief operator and the traffic chief both agreed that they would rather not be responsible for the service given by a force which had participated in such strenuous exercise for that length of time, and after their protests had been voiced, every one departed homeward feeling not unlike the Arabs who folded their tents and silently stole away.

An educational demonstration was given at Tacoma November 6, 7, 8, 9, and 10, by the employees of the telephone company. About six thousand people altogether witnessed the exhibitions. Very many favorable comments about the demonstration were received. This demonstration was given before a double assembly at the Stadium High School to about 2050 students on November 6, and November 7 it was carried on at the Lincoln High School before approximately 2000 students. Wednesday we appeared before the Members Council of the Chamber of Commerce, and Thursday before the members of the Rotary Club. Thursday evening and Friday afternoon and evening it was given in the Scottish Rite Cathedral, where the general public was invited. O. C. Wollan of the commercial department made the introductory speech, followed by R. S. Dodds of the plant department with a lecture on the equipment used for furnishing telephone service. At the Scottish Rite Cathedral a concert on the cathedral pipe organ added much to the entertainment, and Miss Merab Waltz rendered two vocal selections, receiving very hearty encores. Many congratulatory letters and verbal statements were received, and it might be worthy of mention here that the Rotarians at the demonstration before their club formulated and the members sang the following song to the tune of Ja-Da:

"Hello! Hello! Hello! Hello! hear me sing,
Hello! Hello! Hello! Hello—not a thing
Waiting at the telephone—it's Hello, say
Goin' to quit at 5 o'clock and try some other day,
Hello! Hello! Hello! Hello! hear me sing.



Coast Division



Coast
To you and yours
a very
Merry Christmas

Division Headquarters—San Francisco

Division Commercial Superintendent,

J. W. GILKYSOON.

Division Superintendent of Plant,

H. MCBIRNEY.

Division Superintendent of Traffic,

F. J. REAGAN.

Walter S. Reed was engaged as a salesman in the San Francisco sales department.

Forty additional answering jacks have recently been installed in our Napa central office.

Velma E. Meyer has been engaged as stenographer in the manager's office at Oakland.

Herbert H. DuBois was engaged as clerk in the commercial department of the Oakland exchange.

Elwell Nash has recently accepted a position in the commercial department at our Berkeley office.

Rovia A. Thomas was engaged as clerk in the commercial department of the San Francisco office.

Hazel Tenney was recently engaged as teller in the commercial department of the Oakland exchange.

James M. Primrose has accepted a position as sales clerk in the commercial department at Oakland.

Harriett A. Edwards was recently appointed commercial cashier at San Mateo, succeeding Mrs. Maud E. Harvey, who resigned.

J. D. Worthington, manager, and E. J. Graham, wire chief at Hollister, were recent San Jose visitors on the occasion of the funeral of the late A. E. Nash.

T. B. Bartlett, storekeeper at Santa Rosa, received with delight a special shipment from "Doc. Stork" on October 29 in the form of an eight and one-half-pound girl.

A new 320-line switchboard has been installed at the St. Helena Sanitarium, replacing an 80-line switchboard. Thirty-four stations were added, making a total of 116 stations on this board.

The installation of a private branch exchange in the new Stanford Union Building, Stanford University, was completed November 8. The installation comprises one switchboard, three trunks, and seven stations as an initial requirement.



F. K. Madsen and T. A. Hammer, equipment installers, recently completed job order No. 3926 at Mill Valley exchange, which provides sixty additional answering jacks.

Harry G. Shaw of San Francisco has been transferred from San Francisco to San Jose as district plant chief, to fill the vacancy left by the recent death of Albert E. Nash.

Miss E. Fotheringham has been appointed chief operator at the Richmond exchange, succeeding Mrs. H. Clements. Miss Fotheringham was formerly chief operator at Pittsburg, Cal.

Eugene O'Neil, our agent at Belmont, has entirely recovered from his recent operation for appendicitis. He was confined to the Mills Memorial Hospital at San Mateo for several weeks.

Work of estimate No. 30420, Redwood City, is progressing favorably, a crew of cable splicers now being on the job. Foreman Grennan's crew is now working on estimate No. 30425 at Palo Alto.

On November 4, at 6 p. m., the exchange at Pescadero was moved to the new building erected by our agent, Mrs. A. T. Enos. There was no trouble experienced in making the change of location.

Hessie R. Ballantyne was recently engaged as stenographer and clerk in the commercial department of the San Mateo office, and Bonita Caldwell has been engaged as clerk in the same exchange.

Miss Pearl Enlow has been transferred from the traffic to the commercial department at Napa as clerk, effective November 13. Miss Enlow has had four years' experience in the traffic department as operator.

Mrs. Mina J. Burke has been transferred from the traffic department to the position of clerk in the commercial department at the Richmond exchange, succeeding Miss Nina Gracie, who recently resigned to be married.

Albert Branson, former messenger in the commercial department at Oakland, has been transferred to the installation department as apprentice installer, and Edward N. Duffy has accepted the position as messenger.

E. E. Perkins, superintendent of maintenance, in company with H. G. Shaw, recently appointed district plant chief, San Jose, spent several days making a tour of inspection of the San Jose district to acquaint Mr. Shaw with his new territory.

Otto E. Brown, duplicator clerk in the commercial department at Oakland, has been transferred to one of the unit organizations as sales clerk, and Raymond Silva, messenger at Oakland, has succeeded Mr. Brown. Willard R. Porter has accepted a position with the company as messenger at Oakland, succeeding Mr. Silva.

Miss Grace A. Rennie, stenographer in the commercial department at Oakland, recently resigned to accept a position with the California State Railroad Commission at San Francisco. As proof of the high esteem in which she was held by her fellow employees, upon leaving, Miss Rennie was presented with a beautiful diamond brooch.

As a fitting climax to its beautiful new quarters, the Exchange Bank of Santa Rosa has installed a No. 2 intercommunicating system. For modern equipment and conveniences, this bank now ranks as one of the foremost in Northern California.

The addition to the Elmhurst office is completed and the Western Electric will soon start the installation of two new sections of "B" board and the conversion of four "B" positions to "A" positions and add 100 multiples and 700 answering jacks.

Plans have been completed for the erection of a new building for the Crockett exchange. This exchange, which now has magneto equipment, will be converted to common battery. It is planned to expend fifty thousand dollars for building and central office equipment.

The Western Electric is rushing toward completion the installation of three "A" sections, one "B" section, 1750 multiples, and 1480 answering jacks at our Fruitvale office under estimate No. 30415, which is necessary to keep up with the rapid growth of this part of Oakland.

Louis Bienvenue has been engaged in the office of Division Commercial Superintendent Gilkyson as special salesman, transferred from the Southern Bell Telephone and Telegraph Company, Atlanta, Ga. Mr. Bienvenue was formerly employed by our company in the rate engineer's office, San Francisco.

Dan Cupid has taken his share of victims at our Richmond exchange during the last few months. The happy brides were Miss Amy Freeman, Miss Leila Lily, Miss Dora Parks, Miss Agnes Doering, Miss Beatrice Phelps, and Miss Nina Gracie. Miss Beatrice Phelps became the bride of Jesse Hitchcock, switchboardman at Richmond.

On October 28, R. J. Strehl, clerk in the Oakland office, extended invitations to the commercial employees for a Halloween party to be given at his home in Berkeley. A very pleasant evening was enjoyed by all in dancing and playing games. At midnight a very elaborate supper was served. Those attending the party unanimously agreed that it was a grand success and that Mr. Strehl was an excellent host.

The Western Electric Company have completed the installation of one additional "A" board section, three sections of "B" board and associated equipment, and ten call wires in each "A" board section, 800 additional subscribers' multiple, and an entire new power plant, including ringing machine, at our Richmond exchange. A "B" toll service is established between this exchange and San Francisco, Oakland, Berkeley, and other east bay cities.

During the month of September, congratulations were extended to Milton H. Maddocks, clerk in the manager's office, Oakland, who decided to leave the ranks of the confirmed bachelors. The bride was Miss Etta Mae Frieze, clerk in the Oakland sales department. Mr. and Mrs. Maddocks sojourned through the southern part of California on their honeymoon and upon their return were presented with a beautiful mirror by their fellow employees.



The Pacific Telephone Magazine



The commercial office at San Rafael recently moved into new quarters at 826 Fourth Street. The old location of the commercial office, which adjoins the San Rafael traffic department, will be used by the traffic department as additional space for them. Five additional positions of switch-board are to be installed and completed by April 1, 1923. This will give the San Rafael traffic department eleven toll positions, six local positions, and two "B" boards.

H. Wilcox, supervising equipment foreman, was a recent visitor to Hollister exchange in connection with the installation of additional switch-board equipment at that point. Additional central office equipment being installed at Hollister exchange includes one hundred subscribers' multiple, ninety answering jacks, of which ten are designed to take care of new farmer lines of magneto type, and a No. 360 chief operator's desk, which replaces the No. 10 type heretofore in use. The foregoing work is being done by W. R. Sponseller and A. E. Allen of the equipment department.

On the evening of November 10 the Bleu Cloche Social Club, composed of members of the traffic, commercial, and plant department, held its annual dance at Eureka. From the attendance at this dance and the way that everybody enjoyed himself, it looked as though these dances and socials will have to be held more frequently. The feature of the evening was a large blue bell suspended from the center of the hall, with white and blue streamers extending to the four corners of the hall. As the strains of an enchanting waltz floated through the hall, all lights were put out and the blue bell illuminated. This cast a soft ray on the floor and all the dancers enjoyed a moonlight waltz under the blue bell. We hope that at our next dance all will have as good a time and possibly better. M. S. Rundell, district traffic chief, Santa Rosa; E. F. McTamany, district plant chief, Santa Rosa; P. Mackie of the engineering forces; and last, but not least, our worthy editor of the *Coast Carrier*, D. W. Lawrence, favored us with their presence at our dance.

Randolph office in San Francisco kept open house on November 14 with the customary Randolph hospitality, as those who were there to enjoy it will testify. The various committees worked hard and successfully. The restroom was elaborately decorated in blue and gold crêpe paper, with a huge bell as the centerpiece; the locker-room was disguised as a forest by means of eucalyptus branches, and in one end was a fishing pond, from which one could fish, by means of a trout rod, surprises in the form of toy favors; and the basement was converted into a gorgeous banquet hall by means of blue and gold crêpe paper. Dancing to a lively jazz orchestra, fishing with comic as well as successful results, paved the way for inviting refreshments consisting of a delicious home-made crab Louis salad and home-made cake and coffee. The waitresses were attractively dressed in blue and gold crêpe paper, and were heartily applauded when they marched in with Captain McGowan leading. It was a fine party. The committees of arrangements were as follows: Reception—Gertrude Wilson, Jennie Schaunloffel, Theresa Fer-

guson, Josie Walsh. Amusement—Rose Fordyce, Alice Curry, Mary Reilly. Preparation of Supper—Ethel Willson, Florence Liedtke, Hilda Spiller, Irene Kuhl. Serving of Supper—Evelyn McGowan (captain), Mary Buckley, May Collins, Helen McGinn, Helen Meyers, Evelyn Pinnick, Olga White.

Our telephone building in Hollister is located next door to the City Hall, at which point a polling place was located in the recent election, and during the course of the day local employees were startled by an irate rancher bursting out of one of the telephone booths in the public pay station section with the remark that he'd be blamed if he could understand how to vote in that booth. He was pacified and guided into the City Hall to the proper voting booths.

A new reinforced concrete bridge is to be built over the Salinas River about three miles from Salinas on the Salinas-Monterey road. The bridge is expected to be completed in about eight months. It has been necessary to rearrange our toll lead temporarily, due to the fact that the approach to the new bridge crosses the approach to the old bridge. J. B. Gordon of the engineering department has been in this district for some few weeks and is now making surveys for rebuilding the toll lead from King City to Monterey County line south.

When the Bush Street building employees of San Francisco give a party, it means a mammoth celebration, engineered by a trained committee which functions with most gratifying results. It was decided to hold a Yama-Yama Hallowe'en party on October 27, and when the aforesaid evening arrived the party arrived also and was pronounced the best one given in the building. The restroom on the second floor and the dining-room on the sixth floor were elaborately decorated in black and orange crêpe paper, interspersed with witches, owls, etc. Music for the dancing was furnished through the courtesy of the Blue Bell Orchestra. One of the many entertainment features of the evening was a mock wedding, officiated over by the right "Rev." Mr. Williams. Miss C. Mitchell, the wilful bride, carried a most beautiful bridal bouquet, consisting of carrots, cauliflower, and green onions, and wore a long flowing train of antique lace curtains. The youthful erring bridegroom, impersonated by Miss C. Hubbard, was appropriately nervous during the solemn ceremony. The bridesmaid, Miss A. Knief, wore a stunning gown of some pale blue satin and lots of red calico, and carried a basket of imported French carrots. B. A. Proctor traveled from Daly City to act as best man. Following the wedding, all those in costume—and there were a host of them—participated in a grand march led by Elton Lambert. Prizes were awarded to Miss Wrenn and Miss Cameron of Sutter extension office for the most original costumes. Vocal solos were rendered by Miss Christine Smith and Mr. Melvin Yetter, accompanied by Miss H. Cunningham. Miss E. Kelsey won much applause from the audience with a clever exhibition of toe dancing. Refreshments and more dancing brought the evening to a happy close, the only gloom of the evening presenting itself when the call came to join in the chorus of "Home, Sweet Home." The



committee of arrangements was composed of the Misses Dougherty, Ennis, Feddersen, Johnson, Knief, Mitchell, Sheehan, Stoddard, and Timon, and deserves much credit for the success of the party.

Oakland set up a new record for itself in October, when 1025 building permits calling for construction valued at \$2,316,833 were issued. Never before in the history of the city have the permits exceeded 900. The permits for the year now total 7684, providing for \$19,812,889 in construction. With two months yet to go, this city is \$4,021,273 ahead of 1921. If construction continues through November and December at the same average that has been established during the first ten months of the year, the total for the year will be \$22,775,485, the biggest year by long odds for construction in the history of the city.

On October 30 the West-Fillmore operators, San Francisco, held a most enjoyable Yama-Yama Hallowe'en party. The committee worked most diligently and enthusiastically in decorating the rest and lunch rooms. Orange and black crêpe paper was arranged artistically and formed an appropriate background for additional decorations in the form of jack-'o-lanterns, mounted witches, grinning cats, flying bats, and owls. The decorations in the dining-room were quite unique and consisted of hand-made individual favors, an owl and a moon in one corner, and as a centerpiece a large crêpe paper witch stirring a caldron. The evening was spent in dancing to the music of a lively jazz orchestra. At 10:30 the guests were escorted by their hostesses to the dining-room, where a tempting array of refreshments was served. Bonbons and noise-making devices were distributed at this time, bringing the party to a most delightful close.

On October 30, John Robinson, manager for our company at Hayward, delivered an address at the Rotary Club on "The Wonders of the Telephone." The *Hayward Journal*, under date of November 10, published the address in part, and we regret that we have not the space to reproduce same, but we quote the following from that paper: "The editor of the *Journal* was Mr. John Robinson's guest at the Rotary luncheon a week ago Monday, when he delivered his splendid talk on the telephone, its wonderful mechanism, the way it serves the people in a 100 per cent manner, and touched upon the telephone company's dealing with the public and their employees. This brought out the warm-hearted spirit of John, and once again he showed that The Pacific Telephone and Telegraph Company could be said to 'possess a soul' if any corporation could. All were convinced that the word corporation in this instance was synonymous with service. In touching upon the humanitarian standpoint, John Robinson showed in innumerable instances how many death benefits were paid relatives of employees of the company in a prompt manner, and also how sick employees received that regular pay check which made life seem bright to them while reclining on their cot of pain and sorrow. In fact, the employees are made to feel so much at home by splendid working conditions and very fair treatment that many have bought stock in the company. The speech of John Robinson was so full of information to the general public that I. B.

Parsons in later complimenting Mr. Robinson said he would like to tell the president of the telephone company that he should have thousands of copies of that talk printed and given to the general public for their information and enlightenment. Mr. Robinson has been asked to deliver this address at Alameda next week." In addition to this, Mr. Robinson gave a brief history of the telephone business, beginning from the granting of patent 174465 to Alexander Bell, on March 8, 1876, up to date. Also, the history of the Employees' Benefit Fund Plan, and setting forth what this company is doing in the dining-room service to their employees. Interesting letters were received by Mr. Robinson, complimenting him on this address.

Recent San Francisco traffic promotions include the following: Genevieve R. Devincenzi, operator, Park office, promoted to the position of evening supervisor; Ileen Geraghty, evening operator, Market office, promoted to the position of evening supervisor; Phyllis I. Coughlin, evening operator, Walnut office, promoted to the position of supervisor, Market office; Grace Powell, evening supervisor, Park office, promoted to the position of evening chief operator, Market office; Edna M. Upchurch, evening chief operator instructor, Fillmore office, promoted to the position of evening chief operator, Sunset office; Marian Brown, evening operator, Fillmore office, promoted to the position of evening supervisor; Hazel M. Manning, evening operator, Sutter office, promoted to the position of evening pay station attendant; and Edith J. Douglas, chief operator clerk, Pacific office, has been promoted to the position of evening chief operator instructor.

The day before Hallowe'en saw the entire force at our Berkeley office deeply interested in preparing for their party in the evening. Every one, from the newest operator to the chief operator, was out to make it a success, and before the day was half over the restrooms had taken on an air of expectant festivities. Black cats, bats, and witches rode on orange and yellow streamers hanging from the chandeliers and peeped out from the walls in the most unexpected places. Seven o'clock saw the ingeniously devised tables decorated from end to end in Hallowe'en colors and every variety of food that ever a hungry operator could think of. It was decided that a mask affair would be most appropriate for the occasion, and at 8:15 a motley crowd wound its way down the stairs to the recreation room, where a program was to be given. Every one was there, white-clad ghosts, dancing Pierrots, circus clowns, and colored gentlemen—a most cosmopolitan assemblage. A well-arranged program was enacted with a snap. Then with many a surprise the girls unmasked and sat down to the banquet tables, where every one waxed enthusiastic over their steaming cups of coffee and heaped service plates. When every one from the hollow-eyed ghost to the out-of-town tramp had eaten quite enough, they climbed the stairs to the newly constructed third story, as yet without operating facilities, where the new floor, with a little wax, made an excellent dancing space. There, to the jazzy tunes of an orchestra, they danced until the Campanile announced it was 12 o'clock and the ghosts and goblins faded into the night.



It becomes our sad duty to chronicle the death of Albert E. Nash, district plant chief for the last three years at San Jose. Mr. Nash died very suddenly November 1 of quick pneumonia and hemorrhage of the lungs. He had not been feeling very well for a few days prior to his death, but no one had any idea, least of all himself, as to how serious it was. Mr. Nash was generally liked and respected not only by the telephone employees, but by all with whom he came in contact. The funeral was held at San Jose under the auspices of the Elks, and the body then removed to Mount Olivet Cemetery for cremation. To show the regard with which they held Mr. Nash, all telephone employees who could possibly get away from their duties were at the funeral, not only from San Jose, Oakland, and San Francisco, but as far as Sacramento. Mr. Nash was recently married, and in addition to his widow leaves two sons by a former marriage. Mr. Nash's death has brought the benefits to be derived from the Coast Division employees' insurance very forcibly to the attention of the employees in the San Jose district. Mr. Nash was very strong for this insurance, and had given the employees quite a talk on its protective possibilities a few days prior to his death. As it so happened, his family was the first to benefit by it.

Oregon Division



Oregon
Peace be with you
and a
Merry Christmas

Division Headquarters—Portland

Division Superintendent of Traffic,

C. B. ALLSOPP.

Division Commercial Superintendent,

C. E. HICKMAN.

Division Superintendent of Plant,

CARL WHITMORE.

Miss Arlene Sprouls is a new operator at Heppner.

Miss Agnes F. Boies has been added to our Salem force.

Miss Isabel Coe has been employed as an operator at Arlington.

Miss Rose A. Pelz has been added to our operating force at Tillamook.

Miss H. Dunn was recently transferred from Main office, Portland, to Tabor.

Miss Maud Dillon, East operator, Portland, has been transferred to Broadway office.

Mrs. Melinda Parrish was recently added to our operating force at Canyon City.

Lillian Foley, night operator, Broadway office, Portland, has been transferred to Main office.

Miss Jeanette Henneman and Robert Ashby are new employees in our business office, Portland.

Gertrude Collins, supervisor, Broadway office, Portland, has been transferred to Walnut office.

Miss Amiette Jenkins was chosen office elector of the Tillamook exchange at the recent election.

Frances Goodwin was recently employed as P. B. X. operator in the Portland business office.

Miss Elizabeth Denis, Mrs. Emily Carlile, and Mrs. Marie Waterman are new operating employees at The Dalles.

Miss Edith McFarland, toll operator, Salem, has been transferred to the position of evening supervisor.

Miss Beryl Needham has given up her position as evening supervisor at Salem and taken the work of local operator.

Dorothy Boothby, operator, Broadway office, Portland, was recently transferred from Tabor office.

Louise Kleinschmidt, operator, Broadway office, Portland, was recently transferred from Sellwood.

Edith Davis, Main office, Portland, has recently been promoted to the position of evening supervisor.

Alma Splidsboel, night operator, Broadway office, Portland, has recently been transferred to Sellwood office.

Miss Evelyn Collins and Miss June Tyler were recently transferred from Tabor office, Portland, to Walnut office.

Lucille Davis, operator, Broadway office, Portland, is our most recent bride. She is now known as Mrs. W. Louthan.

The Misses Marguerite Beck, G. Farrett, and B. Delano are recent additions to our operating force at Tabor office, Portland.

C. E. Wells, manager of the Hillsboro Telephone Company, was a recent visitor at the office of the division commercial agent.

Miss Reba Nelson, clerk at Sellwood office, Portland, has been transferred to Tabor office, to the position of central office clerk.

Myrtle E. MacLean, who recently returned from a European tour, has accepted a position as stenographer in the business office, Portland.

Application for a job is the first step towards getting one. Application on the job is the first step towards losing the job for a better one.

The Heppner office quarters are being improved by the addition of a storeroom and coal shed, which will permit of the enlargement of the operating room.

Mrs. Gladys Dougherty was recently employed as an operator at Bend. Mrs. Dougherty was formerly employed at Pasco, Wash., and at Pendleton, Ore.

Engineers are at work surveying the new Bend-The Dalles toll route which is to be built next year. Construction work on the section between Bend and Redmond will begin shortly.



Manager and Wire Chief Joseph F. Klink has again been elected Mayor of Canyon City. Joe seems to have a life job bossing his home town, judging from the last four or five biennial elections.

The members of the Tel-a-Bell Stitch Club, a sewing club organized by the operating employees at Pendleton, have resumed their semi-monthly meetings, in their restroom, following the summer vacation period.

On October 28 Miss Cecil Jett, operator at Tabor office, Portland, became the bride of Alfred Mattson. Mr. Mattson is the brother of Miss Helen Mattson at Tabor. "We all wish you much happiness, Mrs. Mattson."

Miss Harriet DeFord of the Tillamook traffic department has been transferred to the commercial department there. She will relieve Miss May Wilson, who has been added to the Aberdeen, Wash., commercial department.

Mrs. Hannah Goughnour, information operator at Salem, has returned from a month's leave of absence. She left as Hannah Hastings and returned as Hannah Goughnour. A marriage ceremony changed her name for life.

Dan Cupid recently swooped down his arrows, mortally wounding two operators from East office, Portland—Miss Edna Achison and Miss Inez Legett. Here's wishing them success and happiness in their new duties as newlyweds.

The girls of Sellwood office recently gave Miss Lillian McDonald a surprise party at the home of Mrs. Frances Gage. Miss McDonald is an operator at Sellwood, and expects to be married soon. Fruit salad, loganberry punch, and wafers were served.

Miss Florence Smith, evening chief operator at Tabor office, Portland, has recently become a victim of Cupid's dart. We understand that Earl Brunner is with the engineering department of the telephone company. Congratulations are in the air.

Work on the Oregon and Washington highway between Heppner and the Gilliam County line has been completed, and the Warren Construction Company has the work on the connection from the county line to the Columbia River highway well under way.

The supervisors of East office, Portland, have recently organized a sewing club. The opening of the busy bees was held at the home of Mrs. Clara Barbou. A delightful evening was spent in getting Christmas gifts started, after which a dainty luncheon was served.

Newspaper comment following the recent election in Oregon emphasized the community importance of telephone service. In a number of cities the newspapers spoke in glowing terms of the service rendered by our operators and local managers in assisting to obtain the election returns. Had it not been for this service, the results would not have been known for hours after they were. This favorable comment included a letter from the Associated Press at Portland and newspaper comment at Baker, St. Helens, and Astoria.

One of the latest victims of Cupid's arrows is Miss Rose Sprague of Tabor office, Portland. She is wearing a beautiful diamond, and will take the fatal step about Christmas. Miss Sprague is one of the oldest employees at Tabor and has many friends who wish her much happiness.

The Oregon Division men have started their bowling season with a league comprising six teams at the present writing. Linemen are leading with six games won and no loss; engineers second, five games won and one lost; repairmen third, and installation, cable splicers, and central office in order named.

Miss Nina Bennett, Pendleton operator, was honor guest at a theater party and dinner on November 8, for which a group of her coworkers were hostesses. After the evening at the theater the party enjoyed a dinner at the Delta, and then accompanied Miss Bennett to the train, as she was departing for her home in Nevada, Mo.

The Portland office was favored during the month by visits from several San Francisco general officials, included among whom were H. D. Pillsbury, vice president and general attorney; James T. Shaw, assistant vice president; Nutting Wigton, assistant to the general manager; C. E. Fleager, plant engineer; and B. C. Carroll, general agent.

On October 19 a farewell luncheon was given Mrs. Jessie Calkins, Heppner operator, at the apartments of Mrs. Elsie Stevenson. Only operators and the cashier were present. The event was also the fifth anniversary of Miss Norma Frederic's service with the company. Mrs. Calkins has left for Marshfield, Ore., where she will make her future home.

The Sellwood Hallowe'en party at Portland was held on October 27. The committee wore gay costumes and all others donned hats made of orange and black crêpe paper. Relay races, guessing contests, and fortune-telling made the evening pass all too quickly. Pumpkin pie and coffee were served as refreshments, after which every one joined in the dancing. Pep, attendance, and good-fellowship made this affair another 100 per cent party.

The *Morning Astorian*, published in Astoria, Ore., recently said: "J. P. Dunphy, supervisor of safety methods from the general office of The Pacific Telephone and Telegraph Company at San Francisco, accompanied by District Plant Chief Ray Woodward of Portland, arrived in the city yesterday for the purpose of holding accident and first-aid demonstrations, which were attended by the company's construction and maintenance forces. Mr. Dunphy is a leading authority on accident prevention and first aid. He has recently returned from the East, where he participated in numerous demonstrations carried out by the various companies of the Bell System. Manager J. A. Brunold states that most gratifying results have been obtained by the company's undertaking in the prevention of accidents among its large number of employees, and much suffering has been relieved and numerous human lives saved because of the employees being trained to meet emergencies arising through unavoidable accidents."



The Pacific Telephone Magazine



The resignation on November 7 of Margaret Wood, supervisor of final accounts, Portland business office, will no doubt be felt more keenly than has the resignation of any other employee in that department for some time past. Mrs. Wood has moved to San Francisco, where her husband has been transferred by the firm with whom he is associated. Mrs. Wood has been succeeded by Edna R. Edwards.

John R. Farrington, manager of the Roseburg exchange, was married October 6 to Miss Maud Heim of Roseburg. Immediately after the ceremony the happy couple left for Portland and adjacent points. Upon Mr. Farrington's return to the office he found his desk handsomely decorated with gay streamers, flowers, and a liberal supply of rice. A host of friends extend to Mr. and Mrs. Farrington the best of wishes for a long and happy wedded life.

Ed Schwartz of the Installers Association lives on the banks of the Willamette River near Oak Grove. Being a great believer in Izaak Walton, he decided to try his hand after supper and see if all the fish had left the river. Imagine his surprise if you can when, after several false alarms, he found he had hooked one, and after a great deal of playing around he landed a sturgeon 5 feet 8 inches in length and weighing 150 pounds. After a fish dinner Mrs. Schwartz canned twenty-four quarts of sturgeon for future use when fish are not biting during the winter.

On the evening of October 26 the girls at Tabor office, Portland, gave a Hallowe'en party in the basement of the building. The room was artistically decorated in the Hallowe'en colors and autumn leaves. Many of the girls appeared in clever and unique costumes. A number of the girls were dressed as men, one as a negro preacher. There was everything from clowns to dainty ballet dancers. Even the proverbially homely *Sis Hopkins* was there. Every one seemed to have a wonderfully good time. A mock wedding was an entertaining feature of the evening, and the supper served in the cafeteria proved as pleasing. Coffee, doughnuts, and pumpkin pie were served, and an enormous box of candy appeared, probably presented by the Hallowe'en ghosts.

Manager J. C. Lowe of Corvallis, being in build and in humor like *Falstaff*, likes pleasant surroundings and words of praise. Here is the latest letter of praise to reach him: "Mr. J. C. Lowe, Manager Pacific Telephone Company, Corvallis, Ore.: MY DEAR MR. LOWE—I feel prompted to express my sincere appreciation to you and your coworkers for the effective service you rendered in installing our telephones in Commerce Hall. We anticipated considerable difficulty, since the prospects did not appear bright to have connections when registration opened Monday morning, but upon my arrival at 8 o'clock the bell rang at my desk and the day was saved. Please extend also my appreciation to your operators for their uniform courtesy and satisfactory service. Very truly yours, J. A. BEXELL." There may be another reason for those Corvallis letters, since one will refer to some noteworthy act by an operator, another the prompt installation of service by a plant man, and, third, to the grade

of service furnished. All departments are mentioned somewhere or sometime. Coöperation may be the other reason.

The employees at The Dalles gave a dance on October 28 in the new public auditorium. The affair was well attended, and its success was due to the coöperation and interest shown by the members of all departments. The hall was beautifully decorated in Hallowe'en colors and showed evidence of considerable work on the part of the employees. The Hood River office was well represented at the dance by five operating employees. Employees from Arlington and other exchanges in the Pendleton district were also present.

On Friday evening, October 27, the Broadway operators gave their annual Hallowe'en party, which was a hard-time affair. The party was held in the operators' restroom, which was decorated in Hallowe'en colors. A program was given as follows: Piano jazz, L. Marshall; vocal solo, L. Coon; violin solo, E. Monroe; dance, L. Barnard; vocal solo, O. McLaughlin; recitation, M. Lymp; dance, L. Coon. At the close of the above program, the committee in charge of the affair called upon all the candidates for office elector to step forward and deliver an address stating their platform. One by one they tried to carry their appeal to the voters of the Broadway office. An apple bobbing contest for candidates only caused much laughter. Dancing and refreshments also played a big part to make the evening one long to be remembered.

October 11, from 2 p. m. until 4 p. m., was "Mothers' Day" at Sellwood office, Portland. Over fifty ladies called during those hours. Miss Nina Rizer acted as hostess and greeted each guest as she arrived. Miss Paul explained the intricacies of the "B" boards, and Miss Laselle and Mrs. Nelson explained the "A" boards. Many of the girls not on duty accompanied their friends and demonstrated for them. The guests were supplied with sets and "listened in" while the committee operated. In this way all the different phases of operating were thoroughly explained and discussed. The schedules, reliefs, and multiple marking books were of much interest. The manner in which complaints are made out and passed to the plant department interested many. Others got quite a "thrill" when shown where their line came in. No doubt, when using their telephone in the future, they will have a very vivid picture of their central. Many guests remarked on how complicated and exacting the work must be. Comments also were made on the keen, alert, wholesome, and sweet-voiced type of girls employed. All noted how the girls on duty concentrated on their work. This impression alone was enough compensation. After Mr. Sherrett had explained the plant equipment, the ladies were turned over to Miss McDonald and Miss Schille, who found chairs for every one, and served them with delicious ice cream and cake. Every employee took a personal interest in the affair. Mr. Roberts of the plant department brought a huge bouquet of autumn leaves for decorations. The girls, on their relief, dusted and straightened up the locker and restrooms as if they were expecting their best beaux to call. Several guests were so interested that after having partaken of the refreshments they again re-



turned to the operating room to watch the girls at their work. We all feel that for the two hours of hospitality we gained fifty more "boosters."

Late in January of this year the Oregon Division plant department learned through a press announcement that the California-Oregon Power Company contemplated building a 115-mile 110,000-volt power line from their Prospect generating station in Southern Oregon to Eugene. Proposed interconnection at the latter point planned on carrying the power supply on north to Albany. The Pacific Company's interest in the power lead construction may be appreciated when it was found that the same general routing of the San Francisco-Portland toll line was to be taken between Roseburg and Eugene for a distance of approximately seventy miles. This announcement, coming in the midst of an extensive transmission survey of circuits of the San Francisco-Portland lead, in anticipation of the carrier telephone channel installations, did not minimize the power interference "specter" that might be visualized by local engineers. To appreciate the telephone engineer's apprehension, exchange places with him. Months of labor were spent removing toll circuit unbalances and reducing crosstalk and noise values, and when completion was in sight announcement came along which meant the introduction of another source of possible noise troubles. The telephone engineers' fears were well grounded in a measure, because prompt action certainly was not impeded in any way on account of existing conditions. However, as will be seen later, there was in reality no need to worry because of interference, which fact may be attributed to the methods of handling the situation. Prompt contact was made with the California-Oregon Power Company's engineers, from whom it was learned that their plans called for an intermittent power exposure with the San Francisco-Portland toll lead for a distance of fourteen miles at roadside separation, approximately forty-five feet. Obviously, this arrangement is not a desired condition, because of interference that might be expected. In addition, the original survey contemplated several power crossings over the Pacific Company's toll lead. Through coöperation at all times between the two public utilities, the power crossings were stricken from the plans. The separation between the two leads was increased from forty-five feet to a minimum of five hundred feet. As might be expected changes were necessarily made in both leads and the expense thereto apportioned satisfactorily. During the construction of the power line, it was necessary to overbuild working toll circuits at some points before they could be removed to their new permanent location. As a means of physical protection, the power company placed wooden protecting bars on the top crossarm of each pole in order to lessen disturbances to the Pacific Company service during the time of stringing their wire. The power circuit, as completed, is 128 miles in length instead of 115, as originally planned. It was energized with 60,000 volts, ultimately 110,000, and put in service the first of November. To date no trouble has been experienced on toll circuits, by virtue of the parallel as created, although some noise was introduced on our lines north of Eugene, where they closely

parallel the old power system to which this new line is now connected. The entire project from date of announcement to date of service exemplifies and proves the value of prompt and satisfactory coöperation between the two groups of engineers representing power and voice transmission. A bit of interesting information is the fact that by constructing a quarter-mile interconnecting power circuit at Albany it would now be possible, theoretically at least, to transmit energy from a point several miles north of Vancouver, Wash., to the Mexican border. So, apparently, the recent dream of a superpower system is fast becoming a reality.

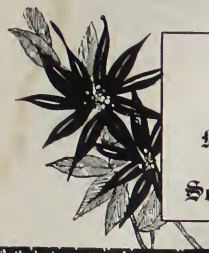
One of those charming affairs that make the telephone spirit something to meet all obstacles and surmount them was given by the East office, Portland, girls by celebrating a Hallowe'en party with a program of playlets and musical numbers. The young ladies were garbed in a colorful variety of costumes appropriate to the occasion. Decorations suggestive of pumpkins, corn-husks, and boogy-boos provided the proper atmosphere for the dainty luncheon. A troupe of Hawaiian players furnished native music and dances. Local talent made the life of the party with a mock marriage, a Hallowe'en ghost story, and instrumental and vocal selections. Prizes were given for the most comic and also for the best dressed costume. The girls say it was the jolliest time ever demonstrated, and are looking forward to many more in the future.

On October 14 a Hallowe'en party was held in the restroom at the Albany exchange, the restroom being beautifully decorated in Hallowe'en colors with jack-o'-lanterns, Japanese umbrellas, and Oregon greenery, floor lamps in yellow shades furnishing the dainty lights. Various games were played, one being an animal game. Mr. Irvine, switchboardman, was called upon to draw a deer, which he did, but he drew the wrong kind of a deer. Seems queer how the mind will wander. He was later seen escorting her home. There was a large attendance of operators, it also being Miss Erwin's last evening with us, as she was leaving on an extended furlough. We wish her an early recovery of health and a speedy return. Refreshments were served of an abundance of pumpkin pie, ice cream, and coffee.

We are publishing in this issue a photograph of the engineers' team, Oregon Division, baseball champions for season 1922. They went through the season by winning nine games and losing only one. The mainstay of this team, Ed Thrall, catcher, is missing in the picture, as he was in San Francisco when the photograph was taken. During his absence his team lost their only game. A silver cup was put up for the winning team, and since the engineers won our division superintendent of plant will not let them place this trophy in the clubroom, as he says it is fine enough to keep in his office, and besides he claims he was instrumental in their winning, as two years ago they were his team, when our superintendent then carried the title of division plant engineer. A snappy game of ball was played the past season, three teams—cable spicers, installation, and linemen—finishing tied for second place, central office fifth, and repairmen last.



Southern Division



Southern
A very
Merry Christmas
from
Southern California

Division Headquarters—Los Angeles

Division Superintendent of Plant,

I. F. DIX.

Division Commercial Superintendent,

N. R. POWLEY.

Division Superintendent of Traffic,

F. N. RUSH.

Miss Eleanor Decker has recently been added to the operating force in Colorado office, Pasadena.

Rose Vincent, Irene Maciel, and Frances Decker have recently been added to the Colorado, Pasadena, operating force.

Miss Eloise Perkins has been added to the commercial force at Santa Ana, superseding Miss Rose Ann Christenson.

The many friends of Miss Marie Lavagnini will be glad to hear of her return to her former position as supervisor at Boyle office, Los Angeles.

Broadway office, Los Angeles, has five new brides in the last month—Misses Berton, Bannon, Hersom, Willis, and Woody. We are glad to have them remain with us.

Mrs. Marguerite Williams and Mrs. Gladys Lane, former employees in Fair Oaks office, Pasadena, have recently returned and are being warmly welcomed by their many friends.

Miss Jessie Wilson, a popular young member of the force in Fair Oaks office, Pasadena, has recently married. The affection and good wishes of all follow her in her matrimonial career.

Miss D. Kaup, payroll clerk, Los Angeles business office, has recently returned from a six weeks' vacation spent at her former home in Nebraska and other points of interest en route.

On the evening of October 20 Miss Sunny P. Linsea was the guest of honor at a surprise shower given by many of her friends of Boyle office, Los Angeles. She received many beautiful gifts which will be found useful in her new home.

William E. Farnham, traffic engineer; H. B. Charlesworth, plant engineer of the American Telephone and Telegraph Company; and Leo Keller, formerly engineer for the Southern California Telephone Company, were recent visitors to the Southern Division.

The commercial force of the Riverside exchange has undertaken a complete study of all commercial instructions, meeting one evening each week. As a beginning, a thorough review of the rules and regulations was made, and following that attention was devoted to sales instructions.

Mrs. Elizabeth Wannenwetsch, central office instructor, Pico No. 1, Los Angeles, has recently left to take up home duties. Mrs. Mildred McKenzie, supervisor, succeeds Mrs. Wannenwetsch.

The Misses Lily and Anna Tolstrup of Broadway office, Los Angeles, have recently gone to Seattle, Wash., to live, and Miss Margaret Williams of the same office has moved to San Francisco.

It will be of interest to many to learn that Mrs. Dorothy Jannoch's small son captured first prize at a recent baby show held by one of the Pasadena papers. Mrs. Jannoch was formerly employed in Fair Oaks office, Pasadena.

P. E. Davis, division supervisor of methods, was the guest of the Riverside district on October 30 and 31. As "Reddy Money" at the Halloween party at San Bernardino, he gave a talk on the plan for the sale of American Telephone and Telegraph Company stock through our commercial offices, and appealed to the employees of all departments for their active anticipation and assistance in this phase of our work.

On the evening of November 6 a business meeting was held for the employees of the San Diego commercial office at the San Diego Hotel. Following dinner, Mr. Little read and explained all bulletins received since their last meeting. Mr. Scott followed with a detailed explanation of the facility situation up to the present time for the benefit of all employees present. After Mr. Scott's speech, one-half hour was spent in answering questions and general discussion. It is expected to hold these meetings once a month in order to keep the employees well posted on company policies and new routine changes.

C. W. Norris, manager of the telephone company in Pasadena, recently gave a pair of delightful theater parties to the employees of the Pasadena office. The first party was given on the occasion of the opening of the winter season of the dramatic stock company at the Raymond Theater, and 200 employees went as guests of the manager. The second theater party was in honor of an especially noteworthy production at the Community Playhouse, and 225 employees enjoyed the play. Mr. Norris seems to have been destined for the rôle of host—he plays the part so charmingly and with such evident pleasure that one wonders whether the host or the guests are really having the better time.

The excellent example set by the Washington, Oregon, and Coast divisions in organizing an Employees' Mutual Benefit Association has been enthusiastically followed by the Southern Division, whose organization starts out with 500 members, representing all departments. In brief, the plan is similar to that outlined for the Coast Division in our October issue, the initiation payment, however, being \$2.25. A committee of five will direct the affairs of the association, the following being elected for a term of one year: W. A. Wheeler, commercial department, chairman; J. S. Luckenbach, central office equipment; G. M. Brinkman, construction lineman; F. D. Turner, installation; and E. W. Myers, traffic installation. The committee later elected F. G. Whitney, central office maintenance, 740 South



Olive Street, Los Angeles, secretary and treasurer. The slogan "All for One and One for All" indicates in a measure the kindly helpful spirit of coöperation that will make the Southern Division organization a successful, efficient association.

Mrs. Ada Deyo, who has assisted in preparing our telephone directory for the last few years, is now permanently employed in the San Diego commercial office as sales clerk. Mrs. Deyo was formerly connected with the Northwestern Telephone Company at Minneapolis, Minn.

Cupid recently swooped down on Boyle office, Los Angeles, with unusual success, bringing down and mortally wounding four victims. The victims were: Miss Doris M. Montgomery, Miss Sunny P. Linsea, Miss Hazel M. Shreve, and Miss Lena M. Cheatham. May theirs be a happy future is the good wish from a host of mutual friends.

New faces continue to appear among the force at Fair Oaks office, Pasadena, and the happy family of employees is rapidly growing. The latest additions are the Misses Marie Soverin, May Solist, Anna Payne, Edlie Johns, Marie Gilloon, Phyllis Shire, Elizabeth Willbee, Ruth De Silvas, Ethel Ferguson, Muriel Lane, Marie Weiss, and the Mesdames Kathryn Crain and Beulah Kernodde.

A charming affair of recent date was the dinner party given by C. W. Norris, manager of the Pasadena exchange, in honor of H. R. Nash, district traffic superintendent, Los Angeles suburban district, in which Pasadena was until recently included. The dinner was arranged at the Hotel Vista del Arroyo, situated on the banks of the famous Arroyo Seco and surrounded by lovely gardens. It combines the rustic and formal in a way seldom equaled and makes an ideal setting for lovely parties. In addition to the host and guest of honor, the guests included the officials of all departments of the telephone company in Pasadena and their wives. Charming in all its appointments, the result of the best the decorators and chefs could offer, the dinner was but a small indication of the esteem in which Mr. Nash is held by all who have had the privilege of working in daily relationship with him.

Hello. Everybody: This is Sunset office, Los Angeles, again. You don't hear from us often, but when you do, we have something good up our sleeve. We gave another dance in Zania Grill, at the Ambassador Hotel. Just another big success. It could not be anything else with Mrs. Maude Blanchard, Miss Margaret Webster of the Sunset office, and the help and coöperation from Miss Ester Lampe of the Main exchange on the committee. Sunset has some good business women; they realize that competition is as old as the world, therefore, prizes were awarded to Misses Eglev, Cursen, and Cross for selling the most tickets. Of course, you know, that accounts for the \$418.35 net which will be available to fill any stocking that Santa might forget. We want to thank the Weavers of Speech from the Los Angeles exchange for their coöperation. Coöperation is a good word and it made our dance a success. The office on the Employees' Plan of Representation held by Mrs. Maude Blanchard will automatically cease by the election held November 10, but the three consecutive

years of successful service on the plan will ever be remembered. We, the employees, wish to thank her individually and collectively for the faithfulness, fair decisions, hard work, and hearty coöperation in helping to make the plan a success.

Some of the employees of Pico No. 1, Los Angeles, arranged a party at the operators' school November 7. Miss Eva Banbury entertained with several piano selections, and dancing and games were enjoyed by all. Miss Bernice Ragan won the prize in the spelling contest. Several articles were raffled to help swell the "Christmas Cheer Fund." All thank Mr. Lipscomb, janitor at the operators' school, for his willing assistance.

Alex F. Schreiner, pipe-organist for the radio in Salt Lake City, Utah, visited Pico office, Los Angeles, a short time ago. Mr. Schreiner, who has had the opportunity to visit many large organizations, said that he found the employees of the telephone company the most intelligent of any organization. Pico No. 2 has been campaigning for some time on the new "Make a Friend a Day" plan, and Mr. Schreiner's compliment is just one of the many compliments that have been paid by the sixty-nine persons who visited Pico office during October.

The following article appeared in the Orange County *Plain Dealer* on October 13, which is the result of coöperation; the result was the selling of 115 shares of American Telephone and Telegraph stock to J. L. Gates of Anaheim, who read the article: "American Telephone and Telegraph Company stock is owned by more than 210,000 stockholders throughout the nation. It has \$200 in assets for every \$100 share. It pays \$9 per year dividends, payable \$2.25 each quarter. It has paid dividends regularly for forty-one years, or since 1881. It is a common stock—there is no preferred, or a stock which would have prior claim to dividends or assets. It is fully paid and non-assessable. Manager E. A. Beard of the local district office will take subscriptions for it."

Spooks, witches, and white folks at the Halloween masked ball! Where? At the Edison Club, San Bernardino, given by the San Bernardino Pacific Telephone employees. Out-of-town guests were Mr. and Mrs. M. H. O'Brien, E. L. Miller, and P. E. Davis of Los Angeles, and Pacific employees of Riverside, Colton, Rialto, and Highland. Every one danced to delightful music until the lights went out, when all was quiet and all were huddled in a circle. The San Bernardino chief operator told the story of the murder of John Smith. While the story was being told John Smith's cold and clammy hand was passed around and every one had the pleasure of a hearty handshake. His ear, his eyeball, and his hair likewise circulated to the tune of screams and groans. After that thrill those present saw John Smith rise and walk around, mournfully groaning and suddenly disappearing. But the guests became happy again when the lights came on and they saw little Red Riding Hood with her basket full of home-made candies, big red apples, and nuts containing a fortune for each. Then all decided to dance some more, and at 12 o'clock refreshments, consisting of sandwiches, hot chocolate, and cake were served. Then, to the tune of



"Home Sweet Home" and with an appreciative thought from every one for the Southern California Edison Company, who so kindly let the employees have their clubrooms for the occasion, the last dance was had and every one went home happy.

Hello Gloom: Fifty operators will soon be transferred from Sunset office, Los Angeles, and we will miss each and every one, but—there you are. Joy—they are going to the brand-new Humboldt office. Can't you see every face brighten up when the day chief operator, Miss Silvia Muse, formerly the Wilshire chief operator, walked into our office to claim her new force. With Miss Muse as chief operator and the expert operators trained by Miss Evans, the public will get what it wants—good service—even though we say it is human to err.

Make a Friend a Day. Sunset, Los Angeles, is. You know that the body will die without food, but do you know that the mind—ambition and, yes, business—will die without a kind deed and friendly and courteous treatment? It will just as surely as Tinker Bill—Peter Pan's fairy—would have died if you had not believed in fairies. Now you know that Peter Pan was the boy who wouldn't grow up; but we have grown up, so try and believe in making friends. If it does not help the business it will make each milestone on the journey of our life a little easier by supplying the air-cushions of courtesy.

Lincoln office, Los Angeles, was the scene of much excitement during the last week among the popular candidates for office elector, namely, Miss Grace Le Veaux and Miss Floy M. Di Valle. Many clever posters were placed in the retiring room, all of which were made by the supporters of the candidates. The girls of Lincoln office have already started a fund with which they hope to brighten the homes of six poor families at Christmas time. A committee of five has been appointed, namely, Misses Styer, Beam, Crowell, Culley, and Kiesner. Judging from the enthusiasm already shown, the undertaking will be a success.

On the tip of everybody's tongue in all departments of the telephone company in the Imperial Valley are comments about the banquet and get-together of the departments at the famous Barbara Worth Hotel in El Centro on the evening of November 3. This was a great gathering, there being about sixty-five present, including out-of-the-valley guests, namely, P. E. Davis, commercial department; R. H. Griest, plant department; M. H. O'Brien, traffic department, of Los Angeles; and R. J. Hadden of San Diego. The arrangements were in charge of Mr. Anderson, commercial manager for the valley. In addition to doing a wonderfully skillful job along these lines, he performed the duties of toast-master most acceptably. Each of the diners was provided with a grotesque combination of skull-cap with a dangling nose or with some other equally beautifying adornment. P. E. Davis was the principal speaker, his subject being the stock-selling plan in the Southern Division. After hearing Mr. Davis's impressive and instructive talk, every employee in the valley was immediately transformed into a stock salesman. He

certainly left nothing for any one else to say on the subject, so well did he cover the ground. During the evening, word came to the diners that the members of the Woman's Thousand Club of El Centro were having a dance in their new clubhouse and that they would be delighted to have the telephone employees participate. The acceptance was unanimous, and at 9:30 p. m. all went over to the clubhouse and danced until 11:30, when "Home, Sweet Home" was projected in fox-trot tempo by the colored orchestra. This was a great night for the valley and will be inscribed indelibly upon the memory of all those present.

Our Lankershim exchange was cut over on November 1 with fine success, both from the fact of a successful cutover and from the reception we received from the Lankershim people. One hundred and sixty stations were completed, leaving a balance of seventy-two uncompleted orders. The people of Lankershim joined in the giving of a jollification on the opening of our exchange, which consisted of music, entertainment of various forms, also street dancing. It is estimated that between three hundred and three hundred and fifty people visited our Lankershim exchange in the evening. The Lankershim people were delighted with the service. New applications are coming in daily. An attractive window display devoted to long-distance service was a feature of the opening.

To create new interest and arouse enthusiasm of the girls in her division, Miss Martha Schwartz, a supervisor on the "B" board in Pico No. 2, Los Angeles, recently wrote the following poem:

"The girl on time
With peace of mind
Can do her work contented.
"Her pleasant tones
Would shame the drones—
I wonder it isn't catching.
"A friend a day
She'll make, I'll say,
For work to her is pleasure.
"So if you find
You like this kind
Of motto, please adopt it.
"Up with the lark,
An early start,
Spells punctuality."

Alhambra is a sleepy looking little town, or at least it was until recently. Alhambra and San Gabriel, with its old mission, meet at a boundary known only to surveyors and old residents and Alhambra took on some of the character of the little mission town and had a drowsy, contented air, in spite of wide streets and excellent stores in the business district. The Alhambra exchange furnishes telephone service to both Alhambra and San Gabriel, and it was the general opinion that without being inefficient the telephone office there would never be any larger than at the present time. Now that is changed! The community is taking totally unforeseen steps forward and with it goes the telephone office. There is not a busier, more "up and going" office of a similar size in the state, and if any one wants an interesting pastime, watch Alhambra!



Santa Claus will have to give Miss Sykes, a supervisor in Broadway office, Los Angeles, credit for doing a bit to help him. About three months ago she started a sewing club composed of Broadway supervisors and operators. They meet every Wednesday evening, sew a while, eat a while, and chat all the while. They have accomplished quite a bit towards Christmas. The next few weeks are to be spent making stockings to be filled with candy for our poor families. They call themselves the "Blinkers." We hope they keep on blinking for many months. Each club member entertains at her home as her turn comes. We can't imagine a more pleasant way for a group of girls to spend an evening, can you?

There is a photograph in this issue of our exhibit at the tenth annual Southern California Fair, held in Riverside October 10 to 15, inclusive. R. L. Sawyers and Miss Dorothy MacDonald were in constant attendance and gave demonstrations continuously throughout the day and evening. During the six days of the fair over five thousand subscribers and others interested in our industry attended the demonstrations in the booth. The public generally, as well as officials of the fair association, were favorably impressed with the demonstration and during the week many favorable comments on the excellent telephone service of Riverside were received. Service to the fair grounds was furnished through the medium of a private branch exchange, from which were operated eleven pay stations located at various points around the grounds. Arrangements were made with exhibitors to answer the telephone and handle incoming calls. The estimated attendance to the fair was 100,000.

During the last three weeks Wilshire office, Los Angeles, has presented an aspect seldom seen in prosaic telephone exchanges, for we have just concluded the exciting and profitable task of electing our annual office elector. Enthusiastic operators stumped the office in true political fashion, urging their coworkers to vote for certain favorites, while the Misses Grant and Glass, embryo artists, decorated the building with posters which extolled the admirable qualities of the candidates. Unlike political elections, however, there was no trace of enmity among the girls, and when the primary vote was counted and the Misses Kerfoot and Lewis headed the list the girls good-naturedly arrayed themselves on one side or the other and prepared for the final voting bout. When the last election was over, the debris cleared away, and the votes counted, it was found that Miss Kerfoot had outstripped her opponent and was consequently elected. So now there is peace and quiet in Wilshire—until next year.

This month the Colorado office, Pasadena, decided that a piano would make the restroom just what the employees wanted it to be, and when they decide a thing every one gets busy to see what can be done. The best thing that could be thought of was a dance. Before long it was all planned and the tickets were sold. Every one was very glad to help the "Weavers of Speech Dance," as it was called, and did all they could to make it a success. It was held on Novem-

ber 7 at the Maryland Hotel. All went expecting to have a good time and none was disappointed. There was only one thing that could have made the evening jollier. Mr. Grant, the traffic superintendent of the Pasadena district, wouldn't dance a single dance. The girls thought maybe it was because he didn't know them very well, but when another dance is given they will not accept such an excuse and are sure he will be tripping the light fantastic with the rest. The girls were pleased to have Mr. O'Brien with them. They can hardly wait to get their piano, and realize that when they really want something to make their work more pleasant, all they have to do is to put on their thinking caps, then get busy.

Inland Division



Inland
Sends best wishes
for a Merry Christmas

Division Headquarters—Sacramento

Division Superintendent of Traffic,

O. COLE, JR.

Division Superintendent of Plant,

E. H. LONG.

Division Commercial Superintendent,

F. L. McNALLY.

Margaret White has recently been added to the force at our Yreka office.

Edna Grace Wallace and Rose Perry are recent additions to our operating force at the Chico exchange.

Mrs. Marion Moore, local supervisor at Stockton, has succeeded Mrs. Minnie Leno as local evening chief operator.

Mr. Burkett of the United States Forest Service recently presented our Yreka operators with a quarter of venison.

The Chico operators were recently presented with a box of fine apples by a subscriber in appreciation of good service rendered.

Florence A. Barnum, operator, Stockton toll, has been transferred to Merced in the capacity of chief operator, to succeed Mrs. Susie Pardee.

Miss Hazel Chew, operator in our Coalinga exchange, was married on October 28 to Amos L. Cook, employee of the Valley Bank of Coalinga.

In the Fresno district Mrs. Estelle Gleason, Fresno toll; Miss Beatrice Rider, Fresno local; and Miss Gladys Bryant, Visalia, were recently elected as the district representative committee for the coming year.

For their first committee of district representatives the Chico district has elected the following employees for the 1922-23 term: Miss Etta H. Butler, Willows; Miss Jeanette F. Bradley, Chico; Miss Winifred H. Enslow, Oroville.



Mrs. Susie Pardee, chief operator at Merced, has been transferred to Stockton local as chief operator, succeeding Miss Katherine McCormack.

F. R. Atchinson, combination man, and otherwise known as "The Poet of the Siskiyou," is back in Yreka after several weeks spent in a San Francisco hospital.

Bessie Garnett, operator at Willows, who was injured in an automobile accident at Butte City July 23, is entirely recovered and has resumed her work at that exchange.

Miss Katherine McCormack, local chief operator at Stockton since December 1, 1918, has been transferred to Sacramento Main office in the capacity of chief operator.

While attending the managers' conference in Sacramento, Miss Tyler of Yreka and Mrs. Belle Greiner of Carson City were guests at District Traffic Superintendent Cole's office.

Anna W. Gregg, evening operator, Modesto, was transferred to Lodi and appointed chief operator, effective November 1, to fill the vacancy caused by the resignation of Margaret Province.

Miss Bertha Gross, chief operator at Davis, and formerly a member of the operating force at Red Bluff, was married recently to George Steele of Davis. Her many friends wish her great happiness.

M. M. Smith, formerly of the division traffic engineer's office, Coast Division, has recently been transferred to Sacramento as division traffic engineer, succeeding C. A. Meers, transferred to San Francisco.

Miss Ellen Turner, Jackson; Mabelle McNeilly, Merced; and Mary Cusick, Stockton long distance, were recently elected district representatives under the Employees' Plan of Representation, traffic department, for the Stockton district for the ensuing year.

A matrimonial wave has recently hit the Modesto office, claiming three during the month of November. Miss Carrie Brayman is now Mrs. Rupert Jones; Miss Marie Mendonza is Mrs. Lopez; Miss Willa Spelman has resigned and is now Mrs. Clifford Paterson.

The smiling countenance of Miss Ruth Green now graces the office of Division Superintendent of Traffic Cole at Sacramento. Miss Green was recently transferred from San Francisco to take the position of chief summarizer in the service observing department of the Inland Division.

At the recent election held under the Employees' Plan of Representation, Mrs. Maymie Ryan of the Sacramento toll office and Mrs. Minnie Mayfield of Sacramento Main office were elected district representatives of the Sacramento-Reno districts. The third member of the district committee, Mrs. Charlotte Whitehouse, was carried over from last term.

An elaborate program of entertainment is being prepared by the Pacific Club of Chico for its Christmas party to be given on December 30. Invitations have been extended to members of the Chico Bell Club and their families, and to the operators employed in each exchange of the district. An immense tree, a real Santa Claus, and presents for all will be features of the occasion.

Miss Beryle Carson, operator at Chico for the last three years, recently became the bride of Theodore Suttles of San Francisco. The young couple will make their home in the bay city.

An artistically arranged table at Globin's Grill was the setting for the recent good-by luncheon of the Misses Emily Whalley and Helen Lohe and the remaining division traffic office employees. Miss Whalley is being transferred to Cleveland, Ohio, and Miss Lohe to New York City. Both Miss Whalley and Miss Lohe were charter members of the division traffic staff, having been employed at the time of the organization of the Inland Division, and their leaving is much regretted. Miss Mae Lacky and Miss Kathryn Burns have been added to the force to fill the vacant chairs.

Miss Anna Treichel, who has been a traffic employee in the Sacramento exchange for a number of years, was transferred to Placerville as chief operator during the last month. Miss Treichel has served in the capacity of chief operator at both Sacramento Main and Capitol office. On the evening before her departure a party was given in her honor by the operating employees at the plant association's clubrooms. Although it was a very rainy evening, a large crowd gathered to enjoy the interesting program and the refreshments which had been arranged for. Every one with whom Miss Treichel was associated in Sacramento regrets her departure, but wishes her success in her new location.

The *Amador Dispatch*, published in Jackson, said in the issue of November 17: "The Mother Lode Highway is creating more interest as the movement advances. George A. Burrell, manager for Amador County of The Pacific Telephone and Telegraph Company, will address a meeting of managers of the Northern California and Nevada divisions of that company who are meeting in annual convention in Sacramento during this week. Over sixty branch managers will be in attendance. While Mr. Burrell is going to address the meeting at length on matters connected with his vocation, he will devote part of his allotted time to an appeal by which he intends to enroll all present as members of the Mother Lode Highway Association. Mr. Burrell says: 'None of them are going to leave Sacramento alive unless they paste a Mother Lode Highway sticker on the windshield of their automobiles.'"

On the evening of November 3 the operating employees of Fresno local and toll offices tendered a farewell party to Miss Maude Hyde, toll evening chief operator. Miss Hyde recently resigned to be married, and on the strength of this motive a Hi Jinks, sponsored by the Employees' Plan of Representation, was held in the new lunch and retiring room. Shortly before 8 o'clock a procession of strangely attired people began to arrive at the central office. First came a very old lady equipped with a bustle, and dragging a very good imitation of *Huckleberry Finn*; then came men in high hats, sprightly young sheiks in caps and Valentino trousers, a little girl getting especially good mileage out of a lollypop, an Injun Squaw, several darkly hued Southern gentlemen, and various others. Dancing and general merriment were the principal pastimes of the evening, and prior to leaving chocolate, brewed personally by Mr. Hicks, was served with home-made cake.



This letter was received by Manager Faust of Lodi from James S. Triolo & Co., fruit distributors, Stockton: "In this old world we are all very much inclined to register complaints at the least provocation, but I am going to surprise you by doing the reverse. First, let me inform you that I am transacting a great deal of business over the long distance as well as local lines of your company in various parts of the state, and in most offices I am rendered very satisfactory service. But in your office you give service with a smile, and I consider your kind of treatment more than just service. Have been using your office for telephone service for the last two grape seasons, and wish to state that the service has improved to such an extent that I wish you to accept my congratulations on your having one of the most cheerful, smooth-running organizations that I have yet had the pleasure of doing business with. You are to be congratulated on having assembled a staff of operators, chief, local, and long distance, that in my opinion are equaled by none. In closing, will you permit me,

please, to thank you and your organization for the many courtesies shown me during the past seasons, and wishing you continued success, I am yours very truly, J. S. Triolo."

A most delightful meeting of "The Get-Together Club" was held at the home of Emma Hanks, chief operator's clerk, Stockton local, on November 14. One of the features of the evening's entertainment provided for the girls to attend with their clothes put on backwards and to enter the house walking backwards. A fine was imposed on those who were not attired in accordance with the style of the evening. An election of officers for the coming year also occupied a portion of the same evening, Mrs. D. Blair being elected president, Mrs. I. Bainbridge vice president, Miss Alice Rooney secretary, and Miss Ruth Speare treasurer. It was decided that the next meeting would be held at the home of Mrs. Bowman, at which a Christmas tree would be the main feature. A delicious fruit salad and a variety of dainty sandwiches with hot chocolate completed the evening's festivities.

A Boy's Biggest Debt

In an ivy-covered cottage where the roses, red,
entwine—

At a little shaded window fringed with honey-
suckle vine,

Sits a mother old and feeble, dim of eye, and
wan and pale,

Just watching for the postman with his pack of
daily mail;

And when he passes by her, folks can see her
kneel and pray

That God will send a letter from her boy who
went away.

A score of years the dear old soul has kept her
watch in vain—

Like some grim specter peering through the little
window pane;

Twice every day, year in and out, the hour the
postman's due,

The neighbor folks can see the woman's sad face
come in view—

Can see the tear drops trickle down her furrowed
cheek each day

Because she gets no letter from her boy who went
away.

In a far-off eastern city, mother's boy has settled
down,

And grown to be a factor in the business of the
town;

Success came to him early, and his profits grew
and grew

Until he's stocks and bonds and costly gems and
jewels, too;

"I'm so absorbed in business," he was often heard
to say,

"That I haven't written mother, since the day I
went away."

Not all the grief in life is caused by deeds which
we commit—

There are many bitter heartaches due to acts
which we omit;

The prison bars hold back a lot who're steeped
in crime and sin,

Yet, meaner men are out of jail, than ever were
put in—

I reckon there are pale-faced lads behind grim
walls of gray

Who have offended less than did this boy who
went away!

I was never much at gaming, for I'm not a betting
man,

And I don't pretend to know a thing about the
gospel plan,

But when the final trumpet sounds for men on
earth to go

Before the Judge to answer for the wrongs done
here below,

I'll wager that the fellow with the biggest debt
to pay

Is the one who forgets mother just as soon as he's
away.

—Albert C. Parker in Stockton, Cal., Independent.





Huge Amount of Drop Wire Used in Telephoning

From the copper mines of the Lake Superior region and of Montana; from the tin mines of the Straits Settlements in the East Indies; from the cotton fields of the Southern States; from the Caoutchouc groves of the Malay peninsula; and from the asphalt deposits of Colorado and Utah; from these widely separated places all over the globe and from many more, the service needs of the Bell System, like a great irresistible magnet, draw together the raw materials to make the bronze drop wire.

Something like 1,500,000 feet of this one kind of wire, measured singly, are used every working day. About 43,000 miles of it a year, measured as twisted pair, enough to run lines back all the way these materials have come from the wire factories in the eastern part of the United States to the places whence they are brought. And yet this kind of wire is not the kind the telephone companies use most. Much more of the bare wire on pole lines and of the paper-insulated wire in cables is used. Very little bronze drop wire is used in large cities where office buildings and apartment houses predominate. There the underground conduit and block distribution system is the most practical way of running the telephone circuits.

The overhead general distribution is through aerial cables. In these again the bronze drop wire is not needed. But it is used for detached houses in the cities and everywhere outside of the metropolitan areas, in all the small town and country districts, to run down from the nearest pole into the detached homes and houses, stores and offices on either side of the street or road. Main Street all over the United States is fringed with it.

The components of the conductor or metal core of this wire are copper and tin. There is only a little tin. There is also a little silicon or phosphorus, but this is only for purifying purposes during the manufacture. They do not remain. Silicon and phosphorus have a strong attraction for the impurities, draw them out of the copper and tin, combine with them, and with them are run off as slag in the melting.

Of the tin there is not more than 1½

per cent mixed with the copper. Not much; but it is potent. It is like a spoonful of medicine; it tones the copper up. The tin greatly increases the tensile strength of the wire. Because of the tin the gauge of the wire can be reduced from 14 to 17, or the diameter from 65-1000 to 45-1000 of an inch. The weight of the wire can thus be reduced about one-half without losing any of the qualities essential for the purpose that are possessed by hard drawn copper wire. Formerly, wire of the same diameter was made for the same purpose with a steel core covered by a shell of copper. This copper-steel wire could be so manufactured as to have much the same properties as the bronze wire now used, but there was practically no salvage.

As cities grow, as business and residence centers change, new telephone routes have to be laid out to secure a more complete or a more effective service of the district. A great deal of telephone wire has to be taken down. So, too, when telephones are removed. In the courses of ordinary use telephone wire wears out, the term of its life varying according to the exposure to accident, to the weather, and to other deteriorating conditions. All telephone wire has then sooner or later to be replaced. All of this bronze wire which is found to be no longer fit for use can be sold; the copper-steel wire could not.

But bronze drop wire is run in twisted pairs. The wires therefore must be insulated from each other. Each conductor has a special insulation and a special covering. The insulation is made of a compound consisting mainly of rubber with sulphur, whitening, and other non-conducting mineral substances. Over this insulation is placed a close braid of cotton yarn saturated with weather-proof waxes.

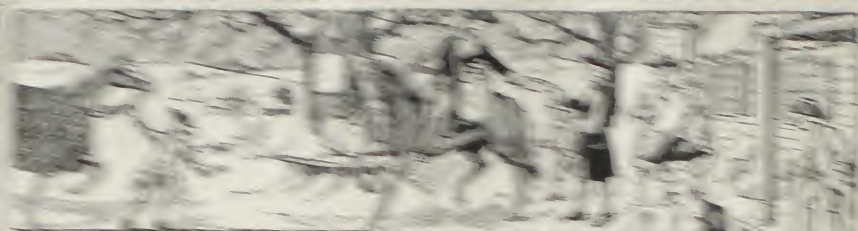
What the Judge Said

FIRST MOTORIST—I thought you said if I were sociable with the judge I should get off?

SECOND MOTORIST—Were you?

FIRST MOTORIST—Yes; I said, "Good morning, Judge. How are you today?" And he replied, "Fine—twenty-five dollars."—*Exchange*.

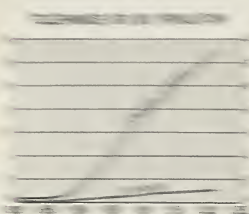
099-DECEMBER-TWELFTH MONTH



The author states that the study was conducted in the United States, and that the results are based on a sample of 1000 respondents. The author also states that the study was conducted in the United States, and that the results are based on a sample of 1000 respondents.

Year	Total (thousands)		Per capita (dollars)	
	1990	2000	1990	2000
1990	10,000	10,000	10,000	10,000
2000	10,000	10,000	10,000	10,000

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group.



REMARKS: [Illegible text]

THESE ARE THE NAMES OF THE
MEN WHO WERE KILLED IN THE
BOMBING OF THE LINCOLN
MEMORIAL IN 1968.

CONCLUSIONS AND RECOMMENDATIONS

1. The first step is to identify the problem. This involves understanding the symptoms and the context in which they are occurring.

For example, if the 2004 election is the product of all 10 counties, then we would be more inclined to consider the election as a whole as a single unit, rather than as a collection of 10 counties.

- [illegible]

STATEMENT OF DEVELOPMENT NOVEMBER 1, 1922

Showing the Increase and Per Cent of Increase in Owned Stations in Exchanges of 300 or More Stations Since January 1, 1922

EXCHANGE—	Subscribers' Stations Jan. 1, 1922	Subscribers' Stations Nov. 1, 1922	Actual gain in Stations since Jan. 1, 1922	Per cent gain since Jan. 1, 1922
GROUP No. 1— (20,000 stations and over)				
Los Angeles.....	162,122	182,023	19,901	12.28
Oakland.....	46,268	49,358	3,090	6.68
Portland.....	65,172	68,389	3,217	4.94
San Diego.....	19,698	20,784	1,086	5.51
San Francisco.....	162,255	170,118	7,863	4.85
Seattle.....	76,912	79,713	2,801	3.64
Spokane.....	30,838	31,510	672	2.18
Tacoma.....	20,222	20,812	590	2.92
Total.....	583,487	622,707	39,220	6.72
GROUP No. 2— (10,000 stations up to 20,000)				
Berkeley.....	15,186	16,035	849	5.59
Fresno.....	13,619	14,966	1,347	9.89
Sacramento.....	17,616	18,571	955	5.42
San Jose.....	12,090	12,853	763	6.31
Stockton.....	10,199	10,528	329	3.23
Total.....	68,710	72,953	4,243	6.18
GROUP No. 3— (5,000 stations up to 10,000)				
Alameda.....	5,518	5,814	296	5.36
Bellingham.....	5,125	5,316	191	3.73
Yakima.....	5,503	5,920	417	7.58
Total.....	16,146	17,050	904	5.60
GROUP No. 4— (2,500 stations up to 5,000)				
Aberdeen.....	3,090	3,350	260	8.44
Alhambra.....	2,292	2,688	396	17.28
Bakersfield.....	4,656	4,917	261	5.61
Eugene.....	2,692	2,828	136	5.05
Eureka, Cal.....	3,266	3,457	191	5.85
Glendale.....	3,663	4,046	383	10.46
Lewiston, Ida.....	2,375	2,697	322	13.56
Modesto.....	2,596	2,693	97	3.74
Palo Alto.....	2,839	3,088	249	8.77
Reno.....	4,102	4,151	49	1.19
Richmond.....	2,460	2,686	226	9.19
Riverside.....	4,440	4,617	177	3.99
Salem.....	3,392	3,560	168	4.95
San Mateo.....	3,251	3,578	327	10.06
San Pedro.....	2,304	2,627	323	14.02
Santa Ana.....	3,060	3,501	441	14.45
Santa Cruz.....	2,687	2,914	227	8.45
Walla Walla.....	4,034	4,184	150	3.72
Total.....	57,199	61,582	4,383	7.66
GROUP No. 5— (1,000 stations up to 2,500)				
Albany.....	1,363	1,333	-30	-2.20
Anaheim.....	1,406	1,681	275	19.56
Astoria.....	2,350	2,336	-14	-.60
Baker.....	1,421	1,430	9	.63
Bremerton.....	1,491	1,366	-125	-8.44
Centralia.....	1,361	1,433	72	5.29
Chehalis.....	1,081	1,116	35	3.24
Chico.....	1,975	2,018	43	1.67
Coronado.....	1,353	1,375	22	1.63
Corvallis.....	1,835	1,925	90	4.90
Fullerton.....	1,030	1,202	172	16.85
Hanford.....	1,421	1,459	38	2.67
Hogusiam.....	1,568	1,724	156	9.95
Klamath Falls.....	1,278	1,227	-51	-3.98
Lodi.....	1,232	1,340	108	8.77
Marysville, Cal.....	1,679	1,774	95	5.66
Merced.....	1,078	1,172	94	8.72
Monterey.....	2,064	2,201	137	6.64
Napa.....	1,687	1,722	35	2.07
Olympia.....	2,238	2,358	120	5.36
Orange.....	1,215	1,309	94	7.74
Oregon City.....	1,277	1,292	15	1.17
Pendleton.....	1,848	1,812	-36	-1.95
Petaluma.....	1,680	1,792	112	6.67
Porterville.....	967	1,046	79	8.17
Redwood City.....	1,039	1,105	66	6.35
Roseburg.....	1,099	1,096	-3	-.27
Salinas.....	1,256	1,285	29	2.31
San Anselmo.....	939	1,072	133	14.16
San Luis Obispo.....	1,651	1,781	130	7.87
San Rafael.....	1,587	1,670	83	5.23
Santa Rosa.....	2,203	2,414	211	9.58
The Dalles.....	1,389	1,382	-7	-.50
Tulare.....	1,074	1,151	77	7.17
Vallejo.....	2,521	2,466	-55	-2.18
Vancouver.....	1,764	1,780	16	.91
Ventura.....	1,094	1,190	96	8.78
Visalia.....	1,585	1,637	52	3.28
Watsonville.....	1,480	1,569	89	6.01
Woodland.....	1,147	1,174	27	2.33
Total.....	58,696	62,395	3,699	6.30
Total owned stations January 1, 1922.....	842,065			
Total owned stations November 1, 1922.....	898,978			
EXCHANGE—	Subscribers' Stations Jan. 1, 1922	Subscribers' Stations Nov. 1, 1922	Actual gain in Stations since Jan. 1, 1922	Per cent gain since Jan. 1, 1922
GROUP No. 6— (500 stations up to 1,000)				
Ashland.....	778	773	-5	-.64
Auburn, Cal.....	608	640	32	5.26
Bend.....	793	830	37	4.67
Burbank.....	589	745	156	26.49
Calexico.....	437	501	64	14.65
Coalinga.....	690	634	-56	-8.12
Colfax.....	763	753	-10	-1.31
Colton.....	627	657	30	4.78
Dayton, Wash.....	538	523	-15	-2.79
Dinuba.....	517	589	72	13.93
El Centro.....	958	988	30	3.13
Escondido.....	493	513	20	4.06
Grants Pass.....	730	745	15	2.05
Grass Valley, Cal.....	625	658	33	5.28
Hayward.....	702	796	94	13.29
Hollister.....	635	665	30	4.72
Inglewood.....	666	743	77	11.56
Madera.....	699	747	48	6.87
Martinez.....	763	799	36	4.72
Mill Valley.....	763	854	91	11.93
Oroville, Cal.....	930	991	61	6.56
Pasco.....	693	705	12	1.72
Raymond.....	831	873	42	5.05
Redding.....	695	750	55	7.91
Santa Clara.....	768	792	24	3.13
San Leandro.....	754	897	143	18.97
Sausalito.....	607	635	28	4.61
Selma.....	650	685	35	5.38
So. San Francisco.....	594	639	45	7.58
Sparks.....	573	596	23	4.01
Ukiah.....	596	613	17	2.85
Wilmington.....	468	549	81	17.31
Total.....	21,443	22,898	1,455	6.79
GROUP No. 7— (300 stations up to 500)				
Antioch.....	324	318	-6	-1.85
Arcata.....	468	461	-7	-1.50
Avalon.....	385	398	13	3.38
Auburn, Wash.....	436	477	41	9.40
Benicia.....	305	324	19	6.23
Brawley.....	409	437	28	6.85
Carson City.....	452	466	14	3.10
Chula Vista.....	291	321	30	10.31
Cottage Grove.....	303	306	3	.99
Colville.....	330	336	6	1.87
Crockett.....	387	420	33	8.53
Culver City.....	84	388	304	361.91
Dunsmuir.....	281	207	-74	-26.33
Fillmore.....	484	490	6	1.24
Fort Bragg.....	424	438	14	3.30
Kent, Wash.....	431	440	9	2.09
La Jolla.....	431	467	36	8.35
Livermore.....	376	338	-38	-10.11
Milton, Ore.....	278	308	30	10.79
Mountain View.....	365	412	47	12.88
National City.....	368	379	11	2.99
Nevada City.....	335	329	-6	-1.79
Oakdale.....	299	309	10	3.34
Placerville.....	348	395	47	13.51
Pittsburg.....	427	432	5	1.17
Paso Robles.....	385	409	24	6.23
Placencia.....	343	330	-13	-3.79
Pomeroy.....	461	467	6	1.30
Renton.....	311	327	16	5.14
Ritzville.....	384	379	-5	-1.30
Sebastopol.....	292	313	21	7.19
Sonoma.....	366	380	14	3.83
South Bend.....	249	421	172	69.08
Suisun.....	288	305	17	5.90
St. Helena.....	338	351	13	3.85
Tillamook.....	361	357	-4	-1.11
Van Nuys.....	385	372	-13	-3.38
Winnemucca.....	418	409	-9	-2.15
Yreka.....	325	330	5	1.54
Total.....	14,005	14,897	892	6.37
SUMMARY				
Group No. 1.....	583,487	622,707	39,220	6.72
Group No. 2.....	68,710	72,953	4,243	6.18
Group No. 3.....	16,146	17,050	904	5.60
Group No. 4.....	57,199	61,582	4,383	7.66
Group No. 5.....	58,696	62,395	3,699	6.30
Group No. 6.....	21,443	22,898	1,455	6.79
Group No. 7.....	14,005	14,897	892	6.37
Total.....	842,065	898,978	56,913	6.77
Actual gain in stations since Jan. 1, 1922.....			56,913	
Per cent gain in stations since Jan. 1, 1922.....				6.77

—Loss. †Exchange having dual system.



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